

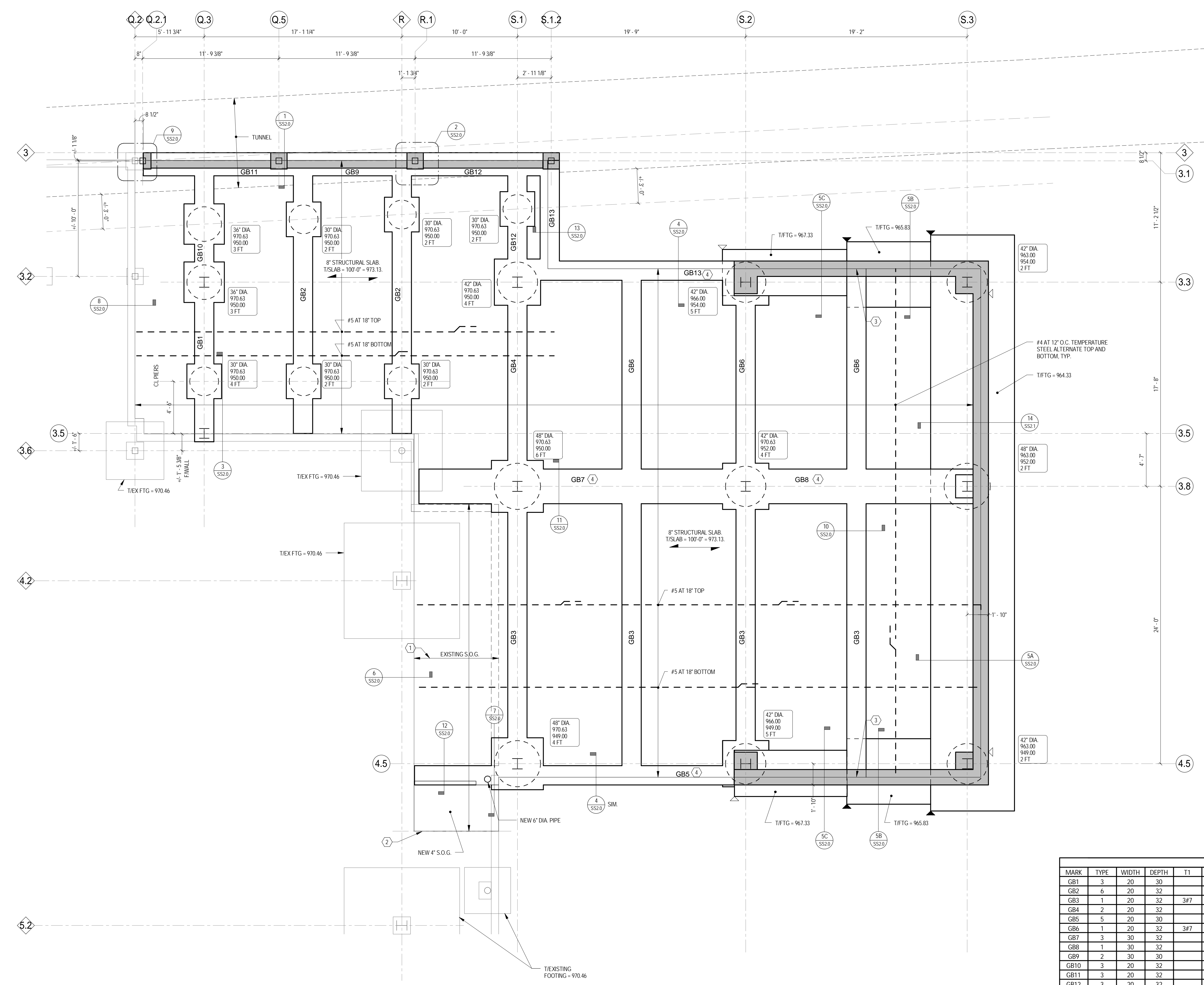






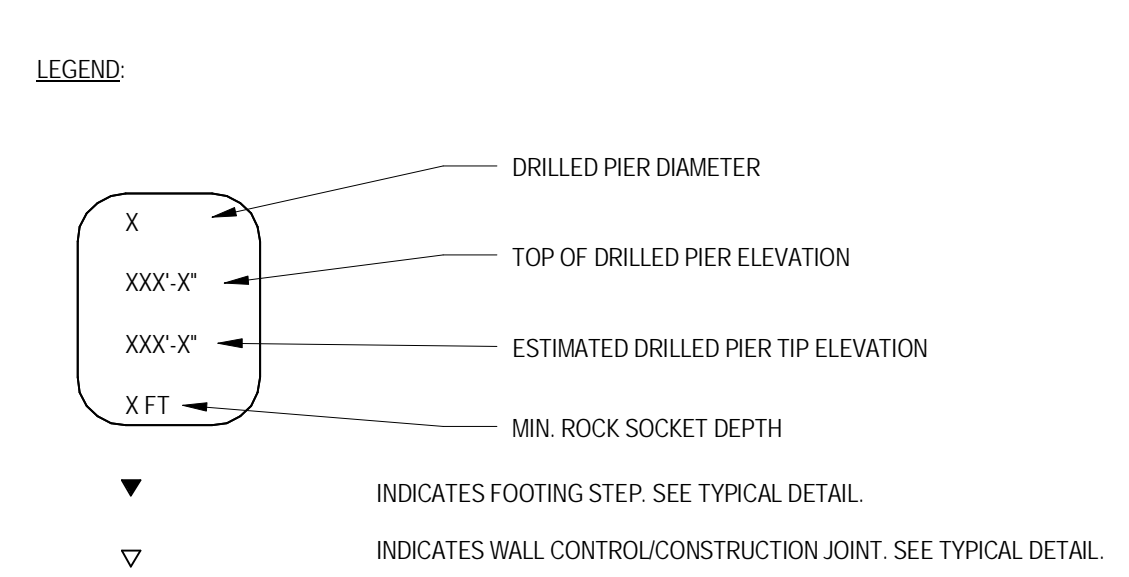


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DRAWING NOTES  
1. REFER TO SS0.1 FOR GENERAL NOTES.  
2. REFER TO SS0.2 AND SS0.3 FOR TYPICAL DETAILS.

KEY NOTES  
1. REMOVE EXISTING SLAB ON GRADE. SEE ARCH DRAWINGS FOR LOCATION. EXISTING STOREFRONT DO NOT DAMAGE.  
2. PROVIDE TEMPORARY SHORING TO PROTECT EXISTING S.O.G. DURING EXCAVATION.  
3. GRADE BEAM POCKET, FULL DEPTH OF BEAM. PROVIDE DBRS FOR ALL SCHEDULED TOP REINFORCEMENT.  
4. INSTALL TOP GIRDER REINFORCING BELOW TOP GRADE BEAM REINFORCEMENT.



GRADE BEAM SCHEDULE															STIRRUPS		NOTES
MARK	TYPE	WIDTH	DEPTH	T1	T2	T3	T4	T5	T6	T7	B1	B2	B3	F			
GB1	3	20	30					4#7		4#7	3#7				#4 (ST-3): AT 9" O.C. IN CANTILEVER. BAL AT 24" O.C.		
GB2	6	20	32							3#7	3#7		3#7		#4 (ST-1): AT 12" O.C. FULL LENGTH		
GB3	1	20	32	3#7			3#7				4#7				#4 (ST-1): AT 12" O.C. EE. BAL AT 24" O.C.		
GB4	2	20	32					3#7			3#7				#4 (ST-1): AT 12" O.C. EE. BAL AT 24" O.C.		
GB5	5	20	30		3#7					3#7	3#7		3#7		#4 (ST-1): AT 12" O.C. FULL LENGTH		1
GB6	1	20	32	3#7							3#7				#4 (ST-1): AT 12" O.C. EE. BAL AT 24" O.C.		
GB7	3	30	32					4#7		5#7	3#7	2#7	3#7		#4 (ST-1): AT 12" O.C. FULL LENGTH		
GB8	1	30	32		4#7						3#7	2#7			#4 (ST-1): AT 12" O.C. FULL LENGTH		
GB9	2	30	30				3#7				3#7				#4 (ST-1): AT 12" O.C. FULL LENGTH		
GB10	3	20	32					4#7		4#7	3#7				#4 (ST-3): AT 9" O.C. IN CANTILEVER. BAL AT 24" O.C.	3, 4	
GB11	3	20	32				3#7					3#7			#4 (ST-1): AT 12" O.C. FULL LENGTH		
GB12	3	20	32					3#7		3#7	3#7				#4 (ST-1): AT 12" O.C. FULL LENGTH	3, 4	
GB13	4	20	30	3#7						3#7	3#7				#4 (ST-1): AT 12" O.C. FULL LENGTH	1	

NOTES  
1. EXTEND TOP BARS 11'-0" INTO ADJACENT WALL.  
2. NOT USED  
3. SCHEDULED TOP BARS CONTINUOUS FROM ADJACENT GRADE BEAM. OMIT SPLICE.  
4. EXTEND B1 BARS INTO CANTILEVER 2" CLR OF END OF GRADE BEAM AND HOOK.

3023.00

ISSUED FOR BID

1/31/13

Revisions

Date

THP Limited, Inc.  
100 East Eighth Street  
Chincinnati, Ohio 45202  
Phone: 513.241.3222  
Fax: 513.241.2981  
www.thpltd.com

App Architecture  
creative focused design  
615 Woodside Drive, Englewood, Ohio 45322  
T 937.836.8898 F 937.832.3696  
www.app-arch.com

Professional Seal

Revised By:

Drawing Title

FOUNDATION PLAN

Project Title

SITE PREP FOR CT SCANNER

Approved: Project Manager

RANDY FIORINA

Approved: Service Chief

GARY ABRELI

Building Number

335

Location

4100 WEST THIRD STREET  
DAYTON, OH 45428

Checked

FJE

Drawn

VLB

Date

01/31/2013

Project No.

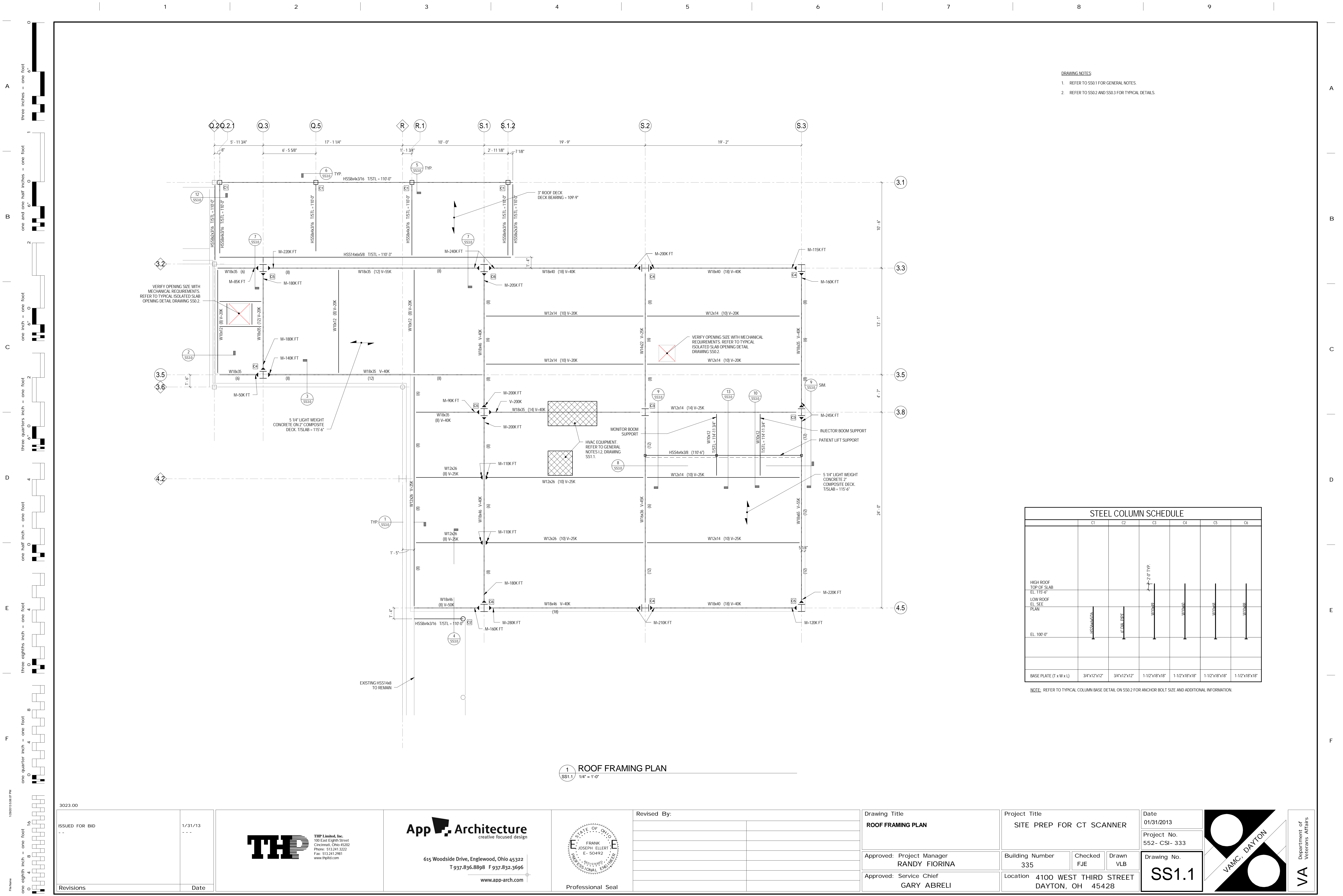
552- CSI- 333

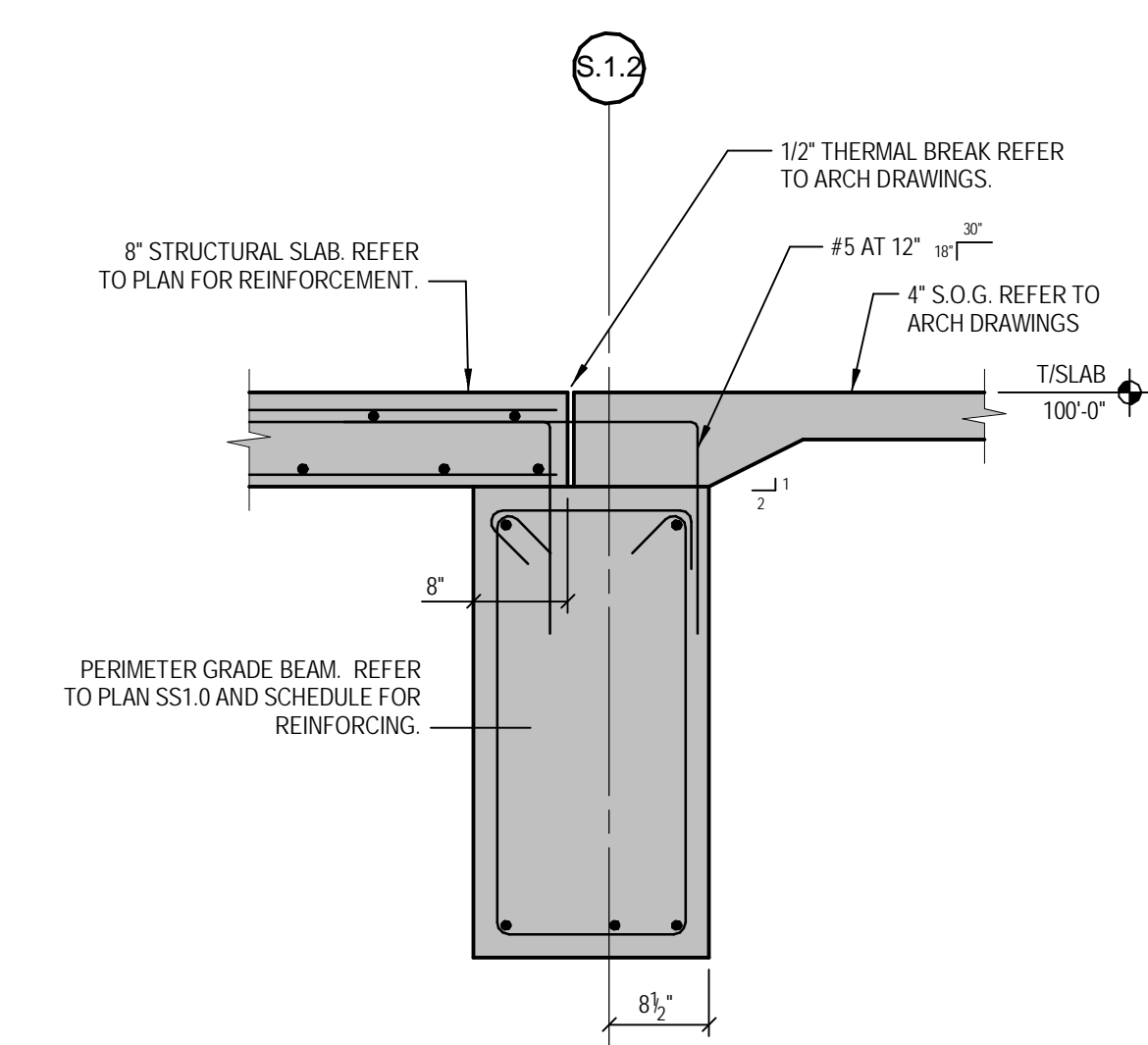
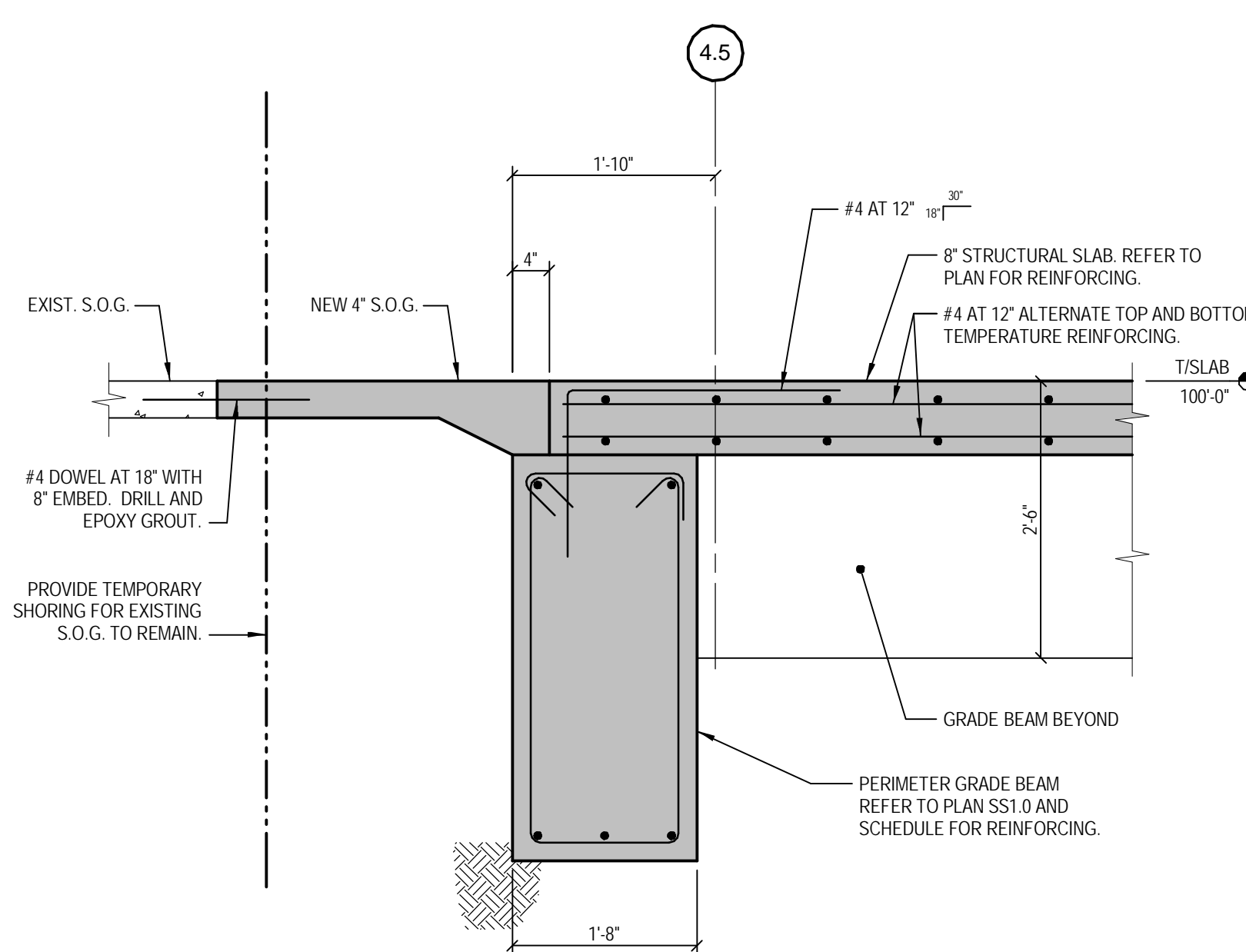
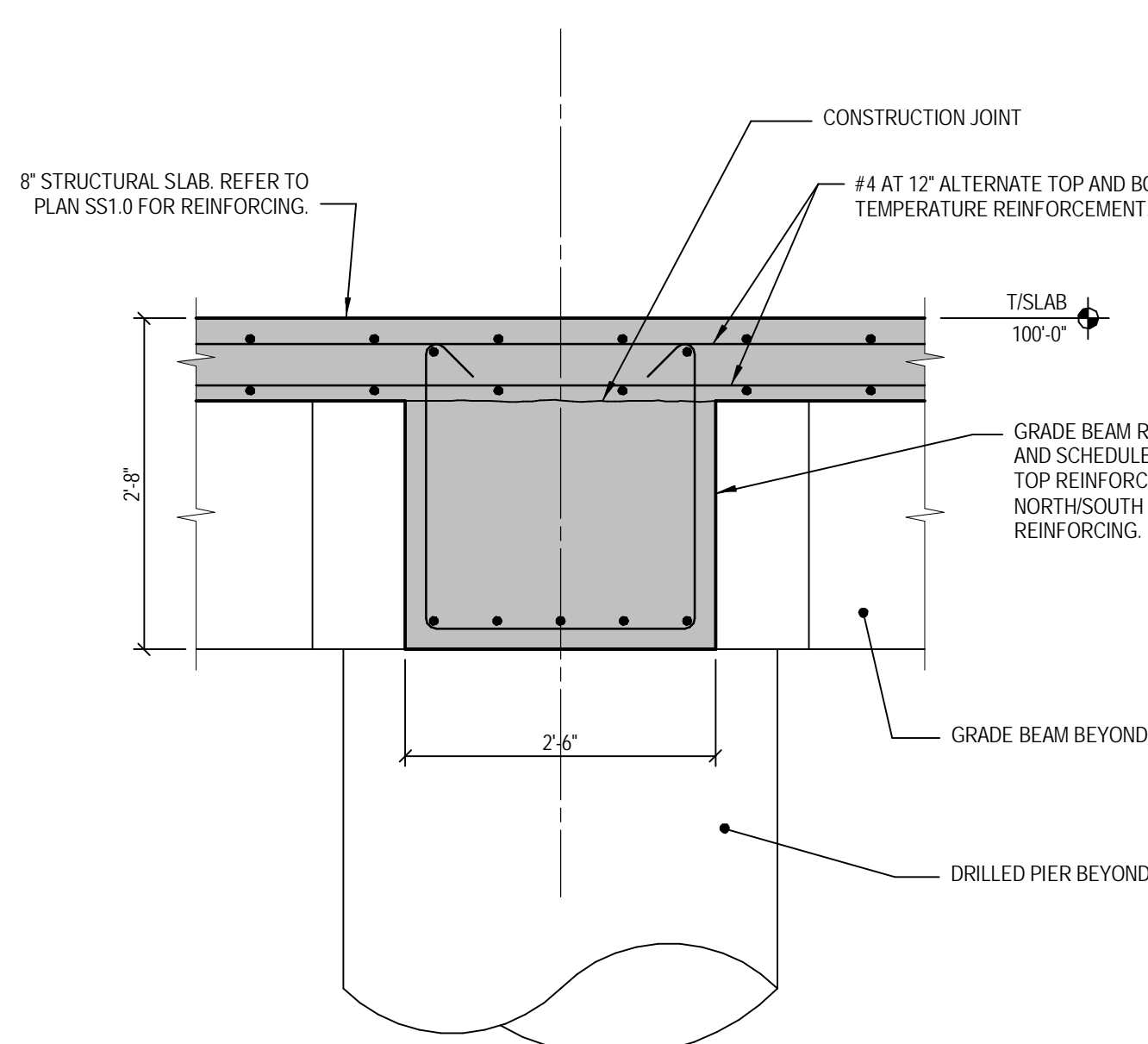
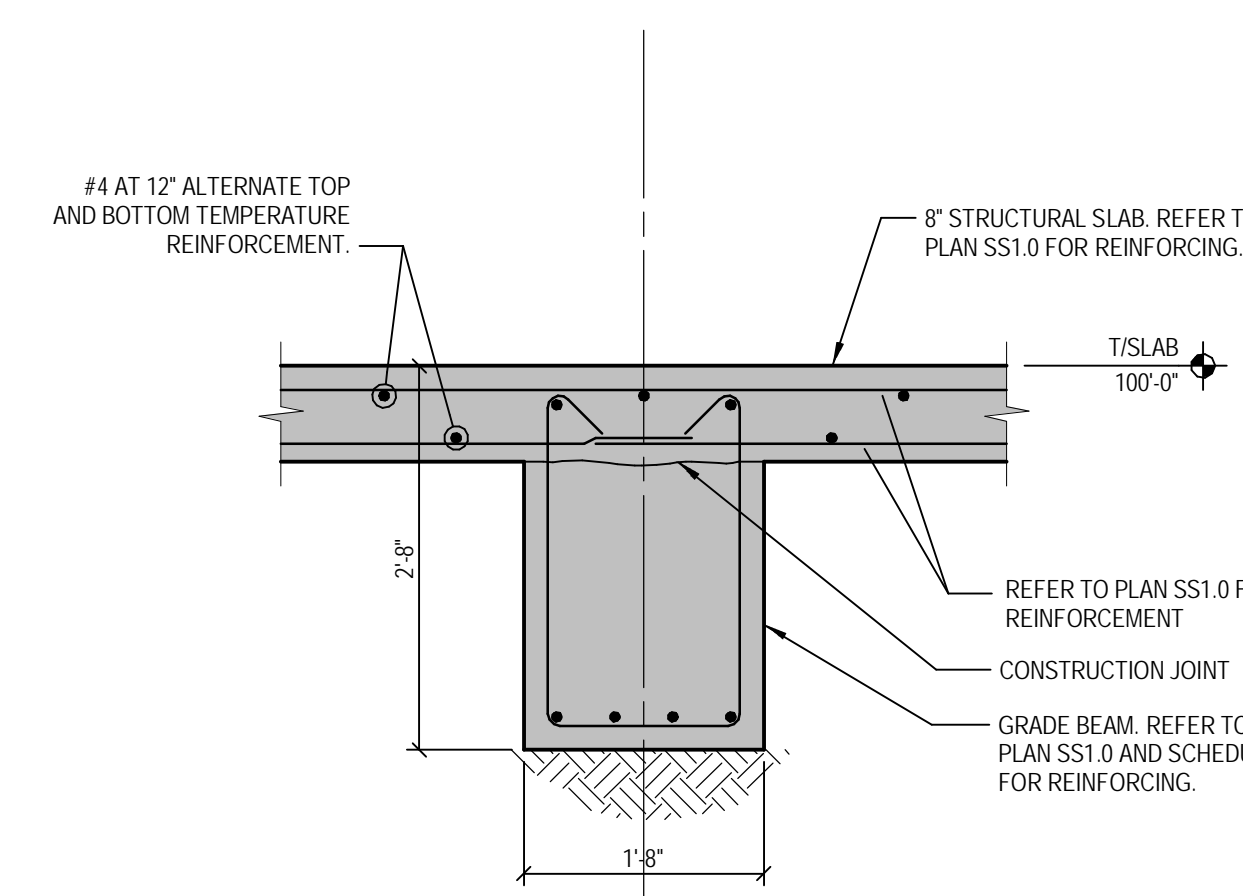
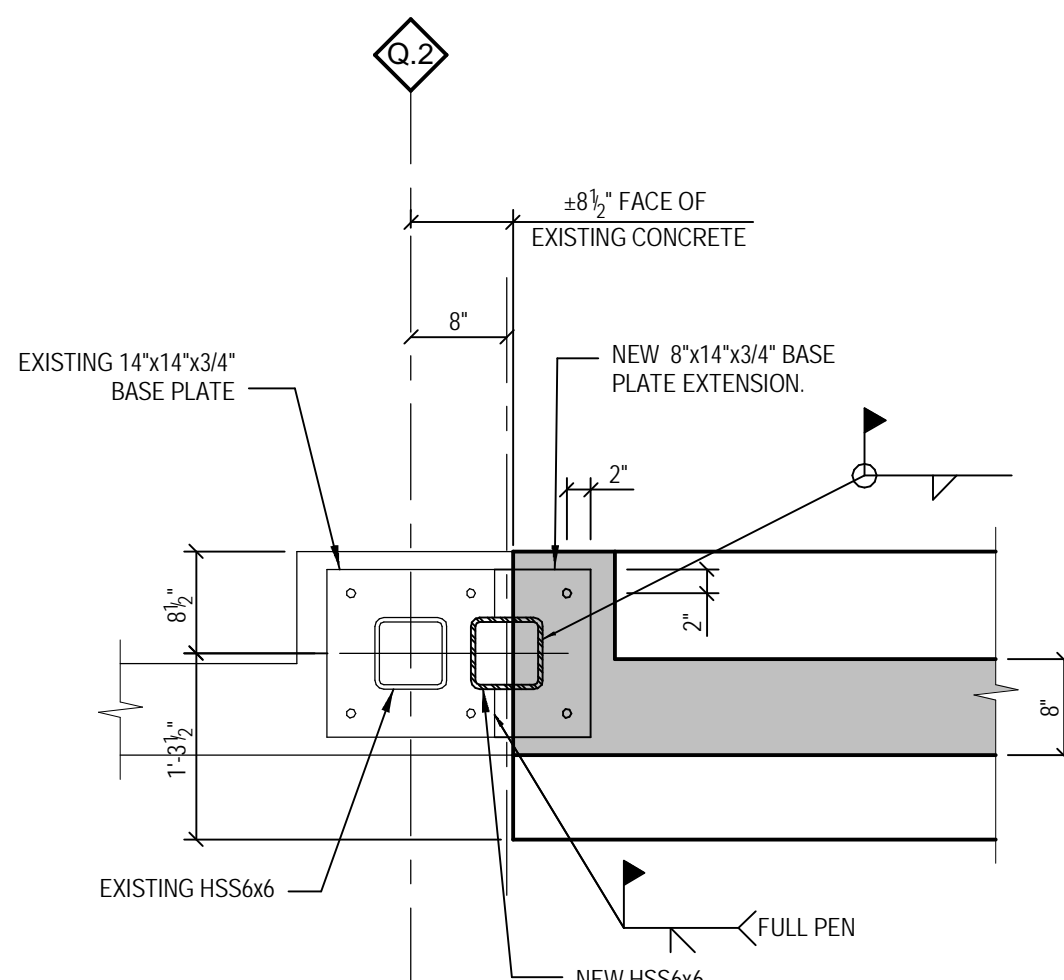
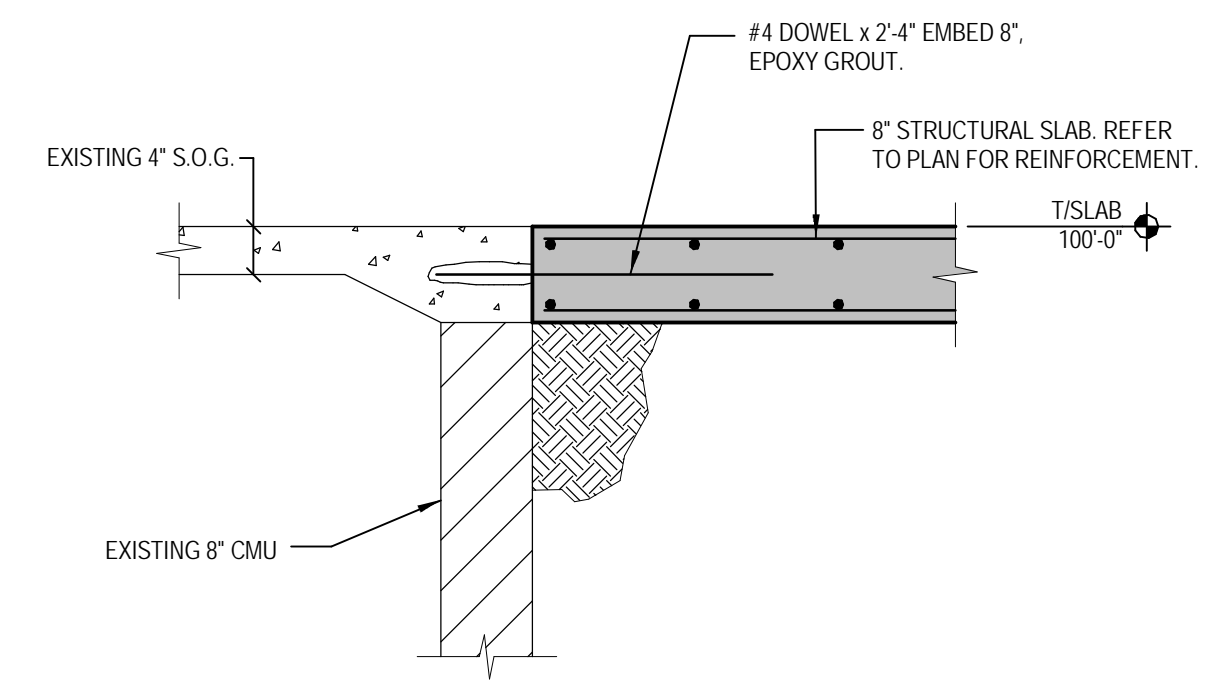
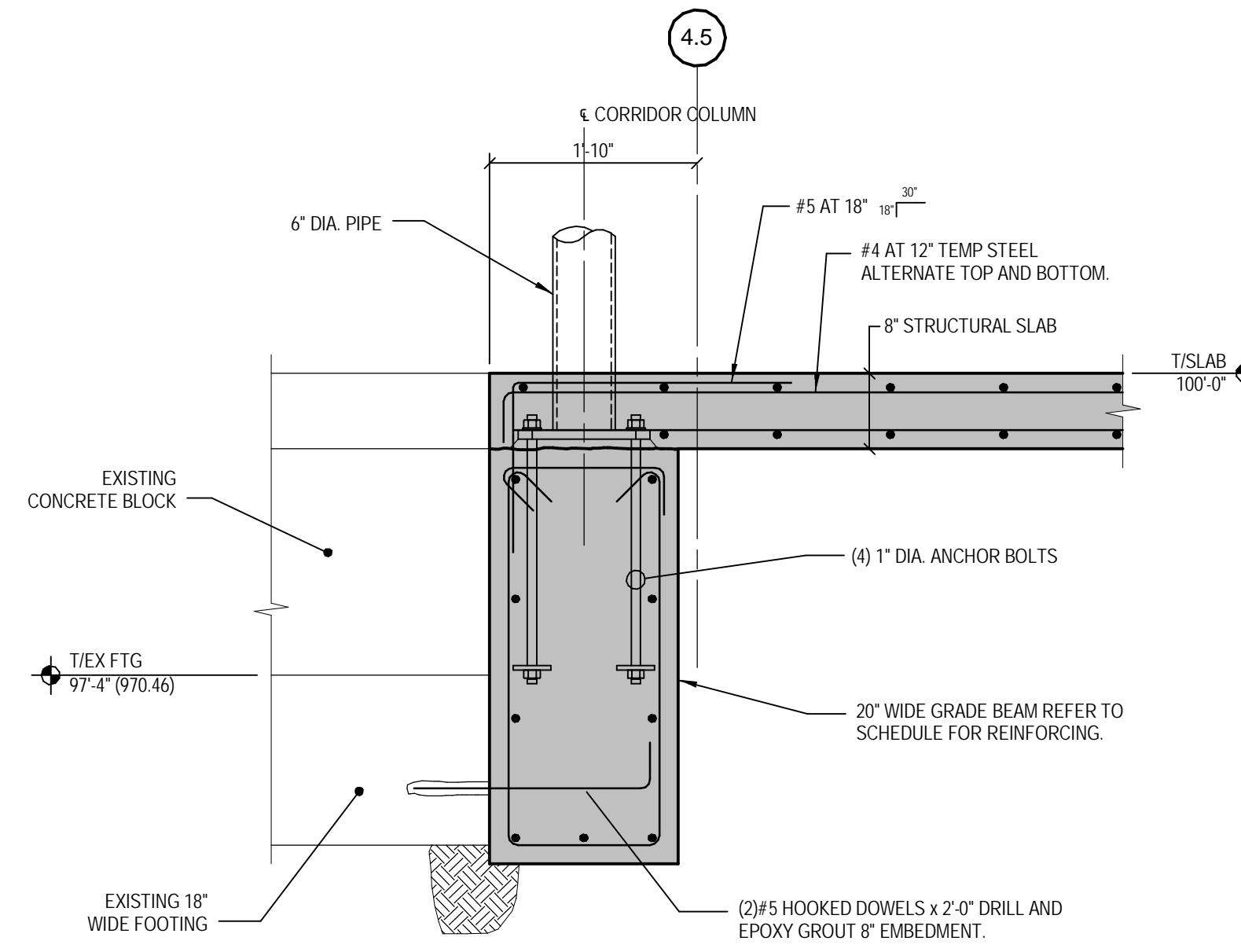
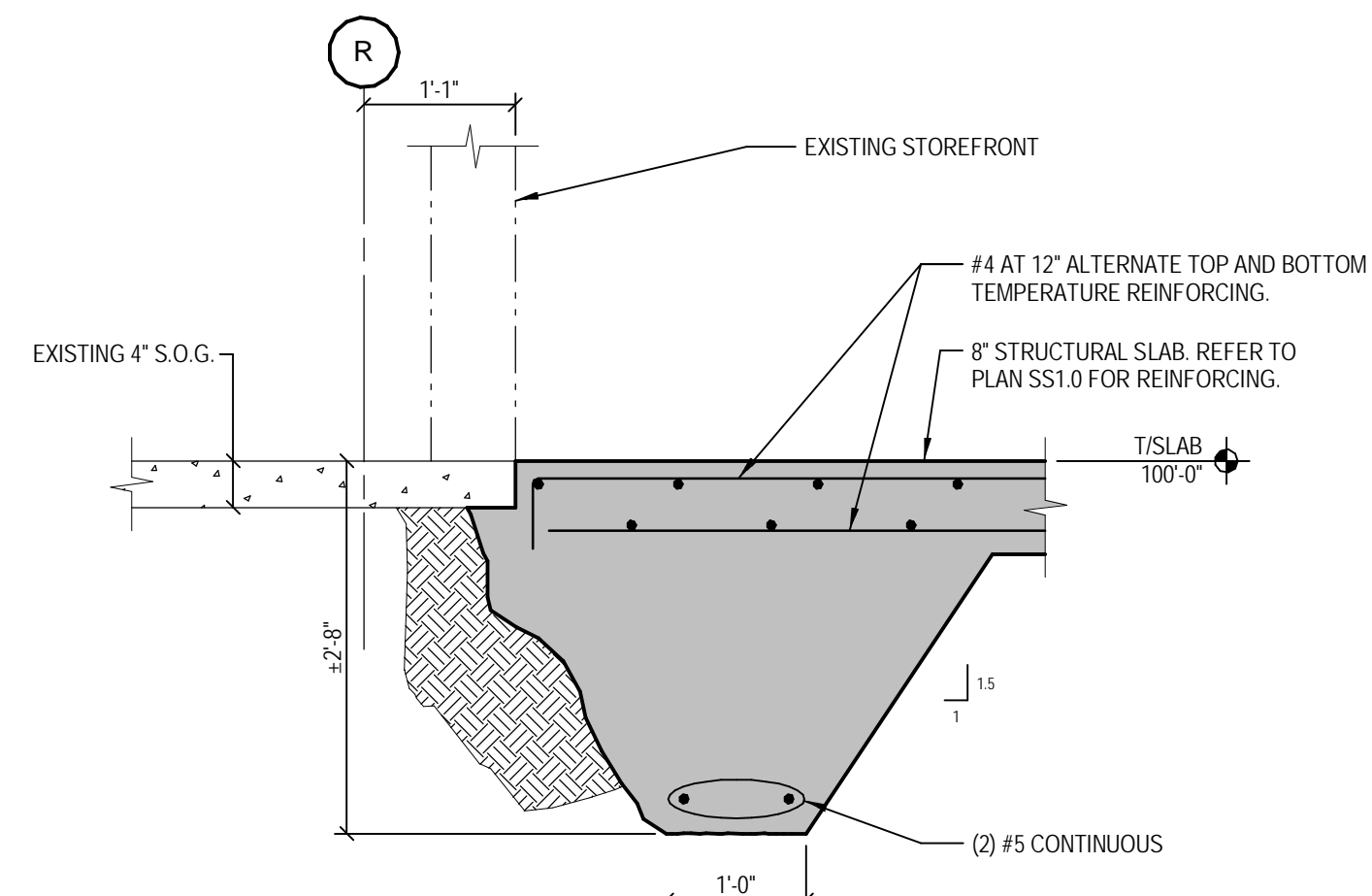
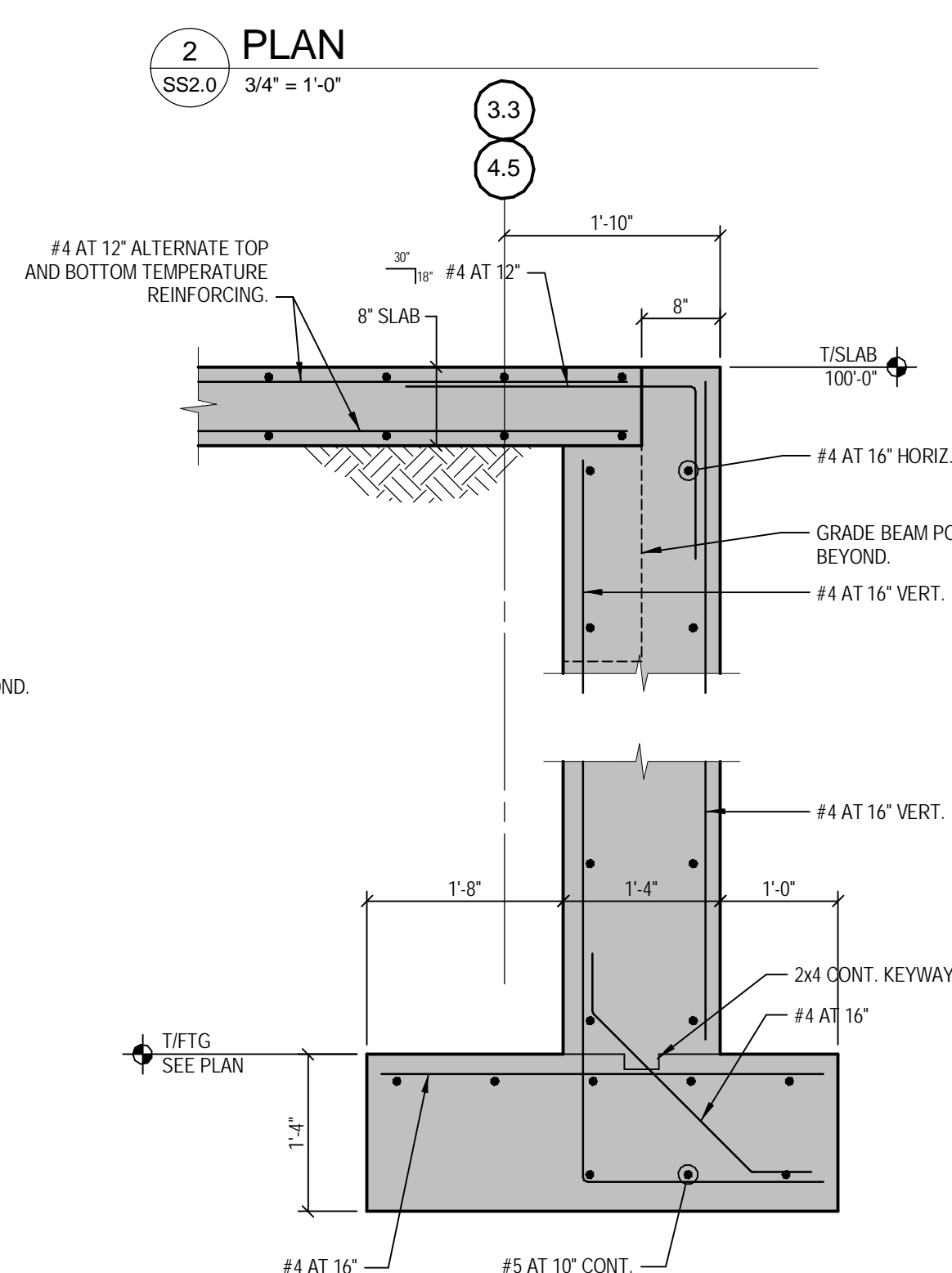
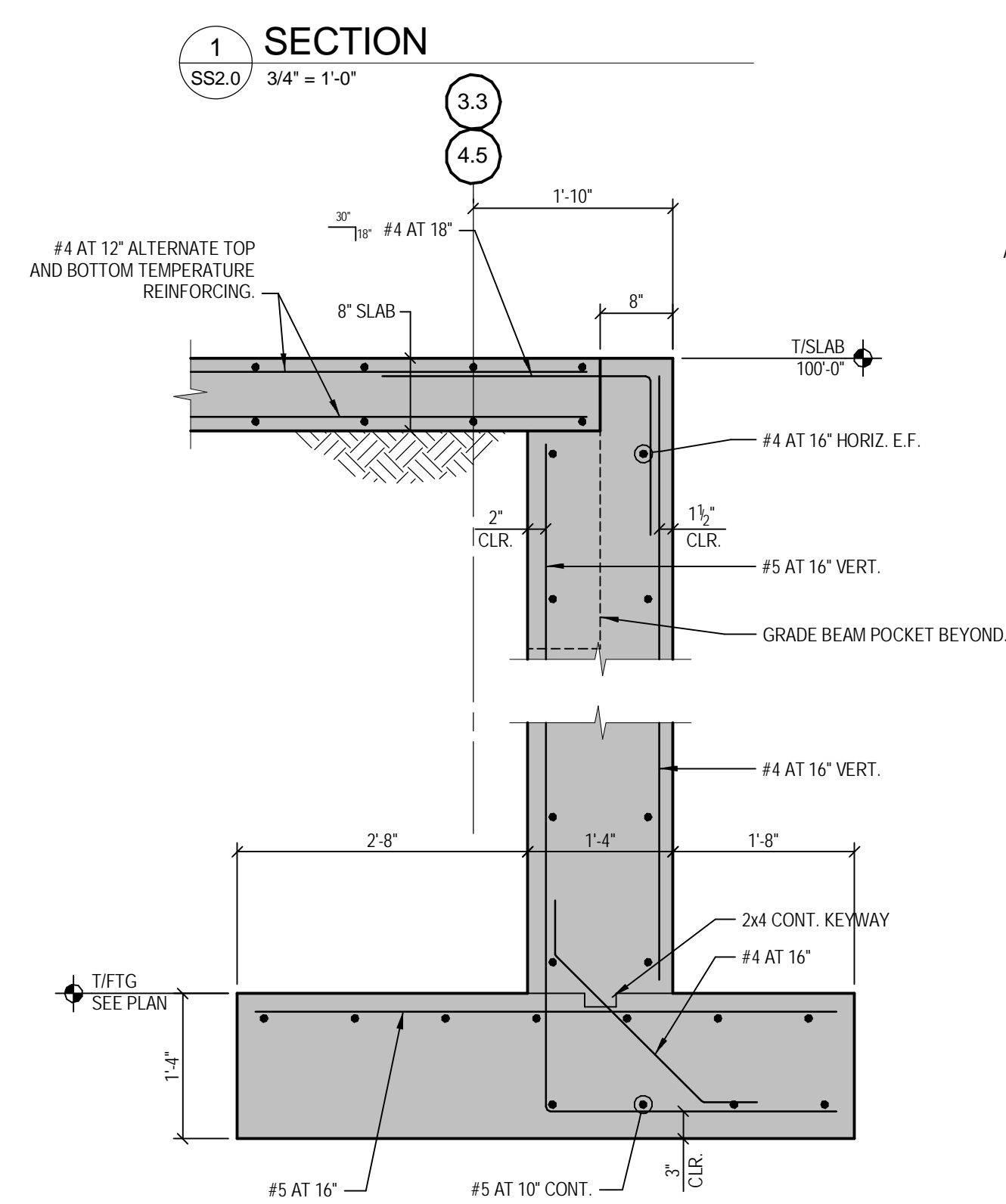
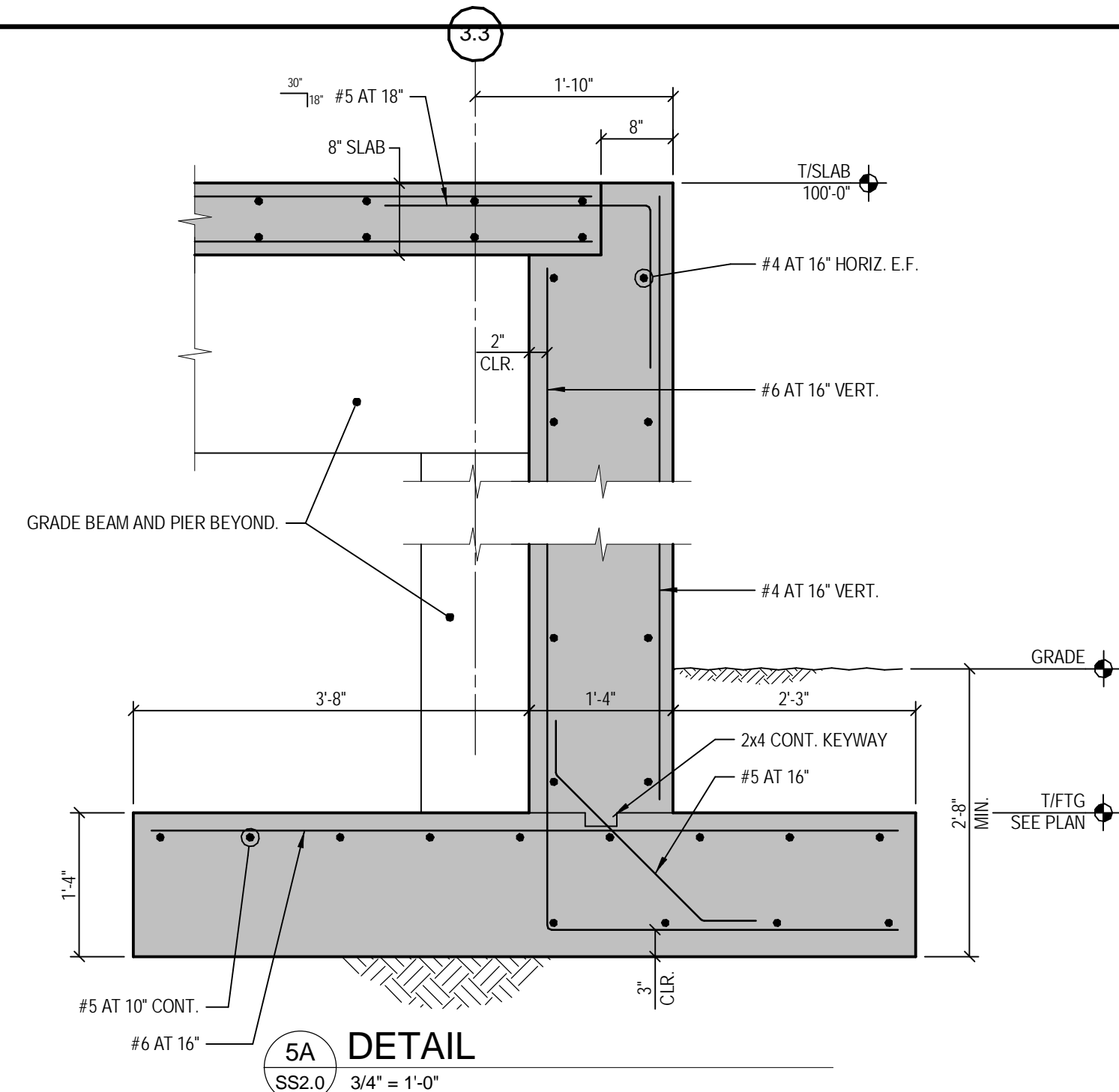
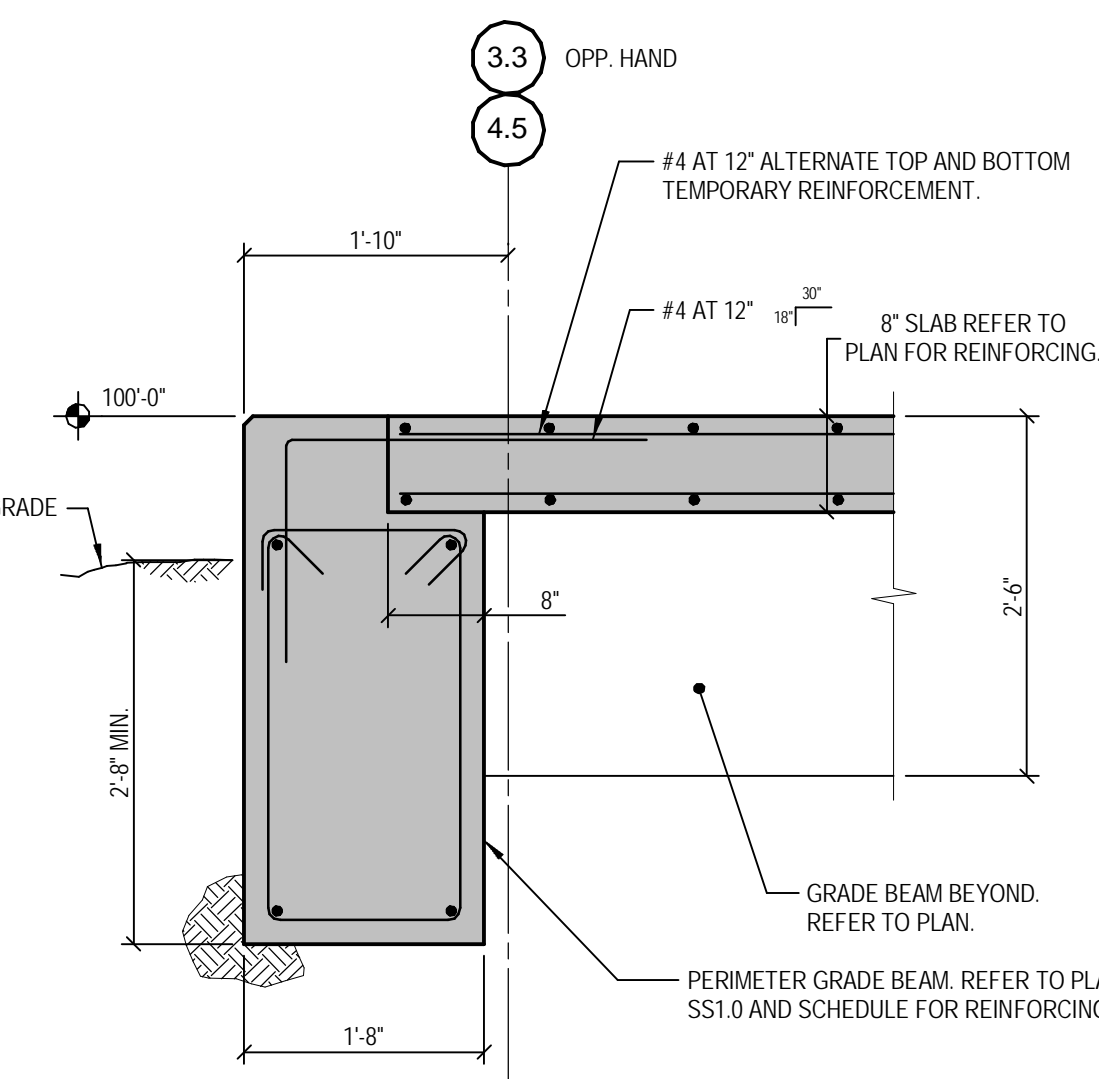
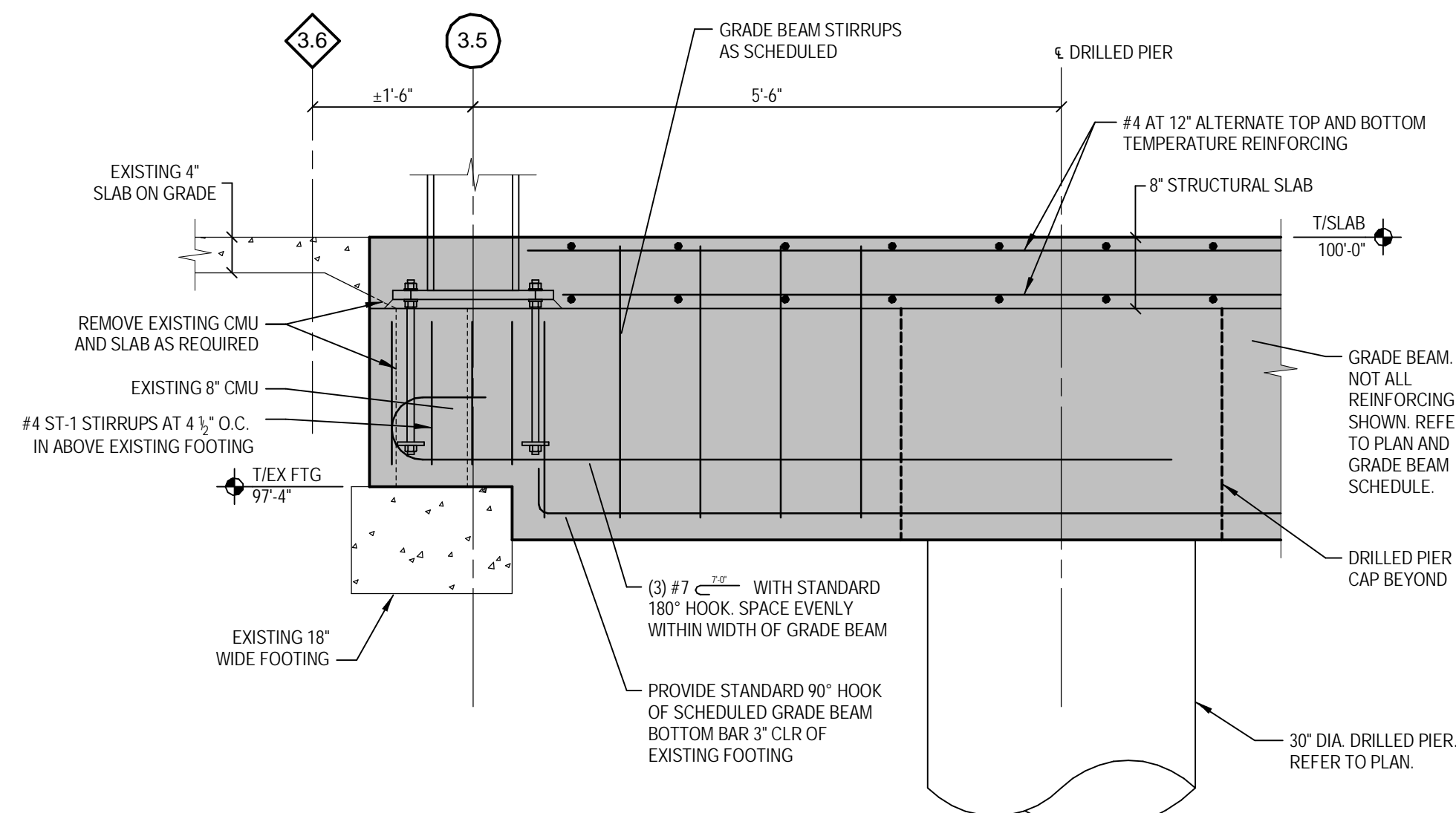
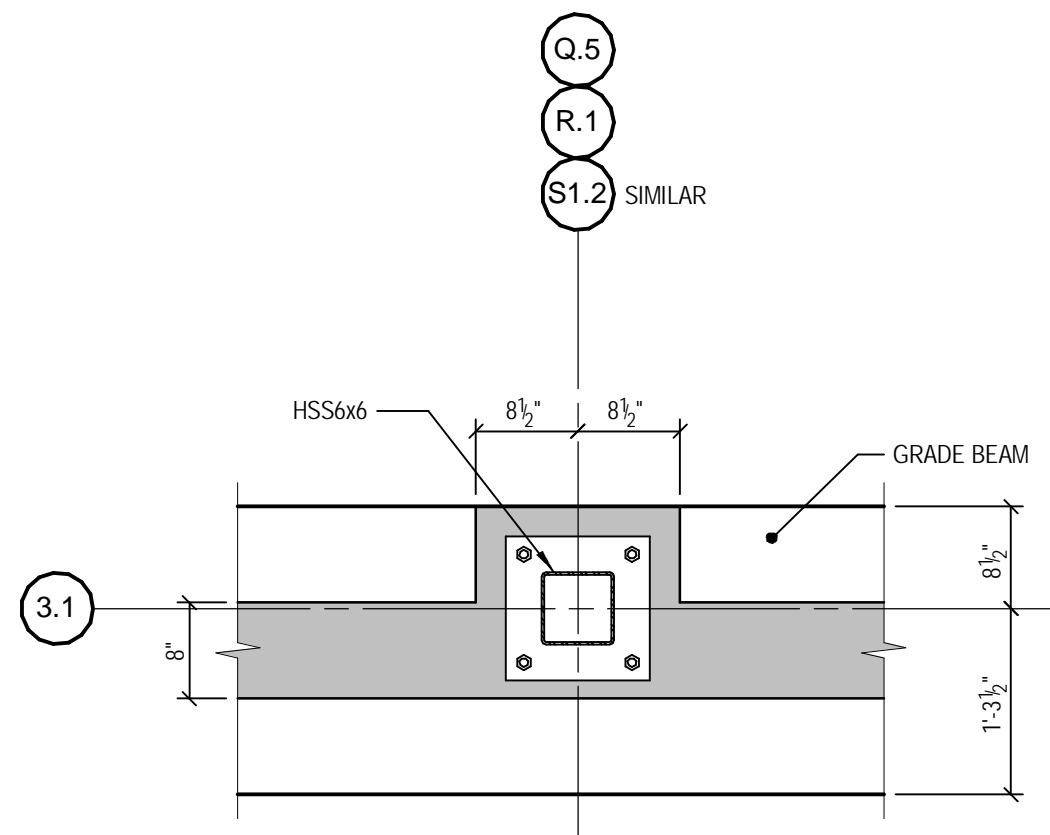
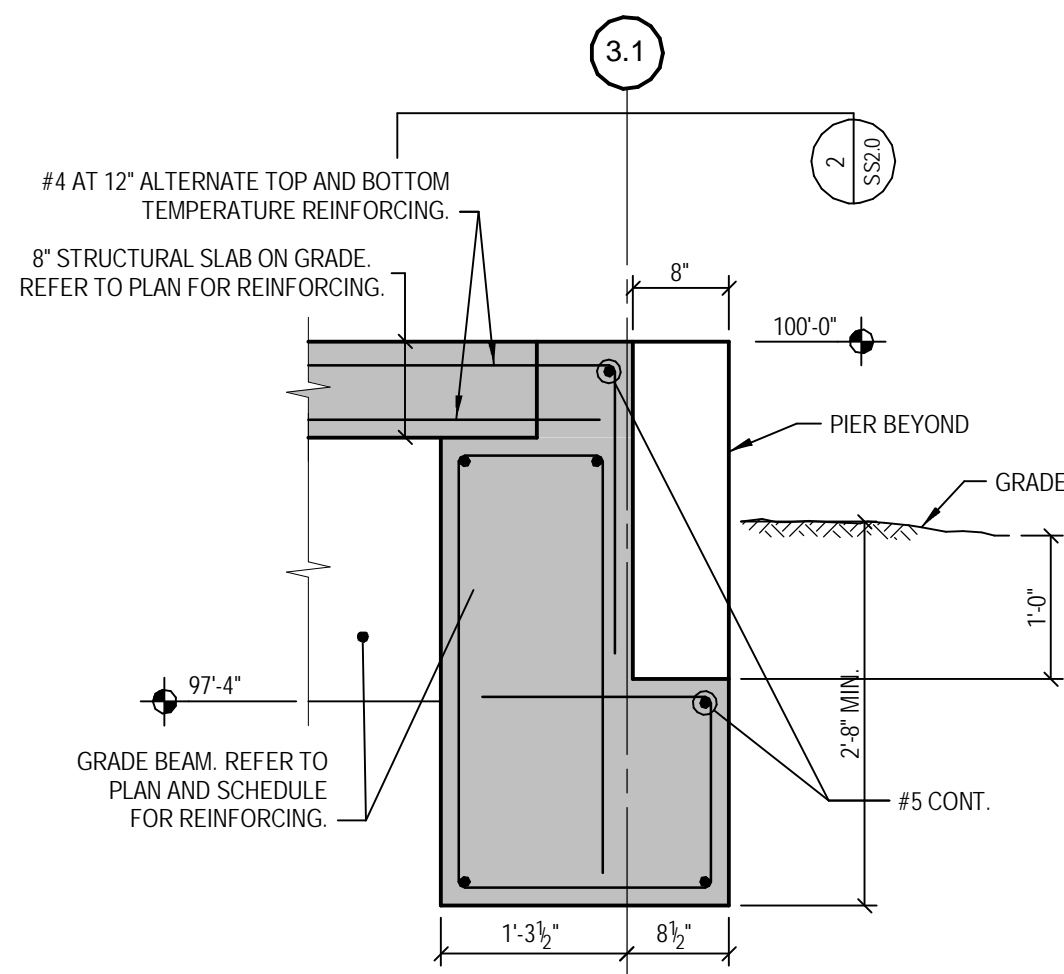
Drawing No.

SS1.0

VA  
Department of  
Veterans Affairs



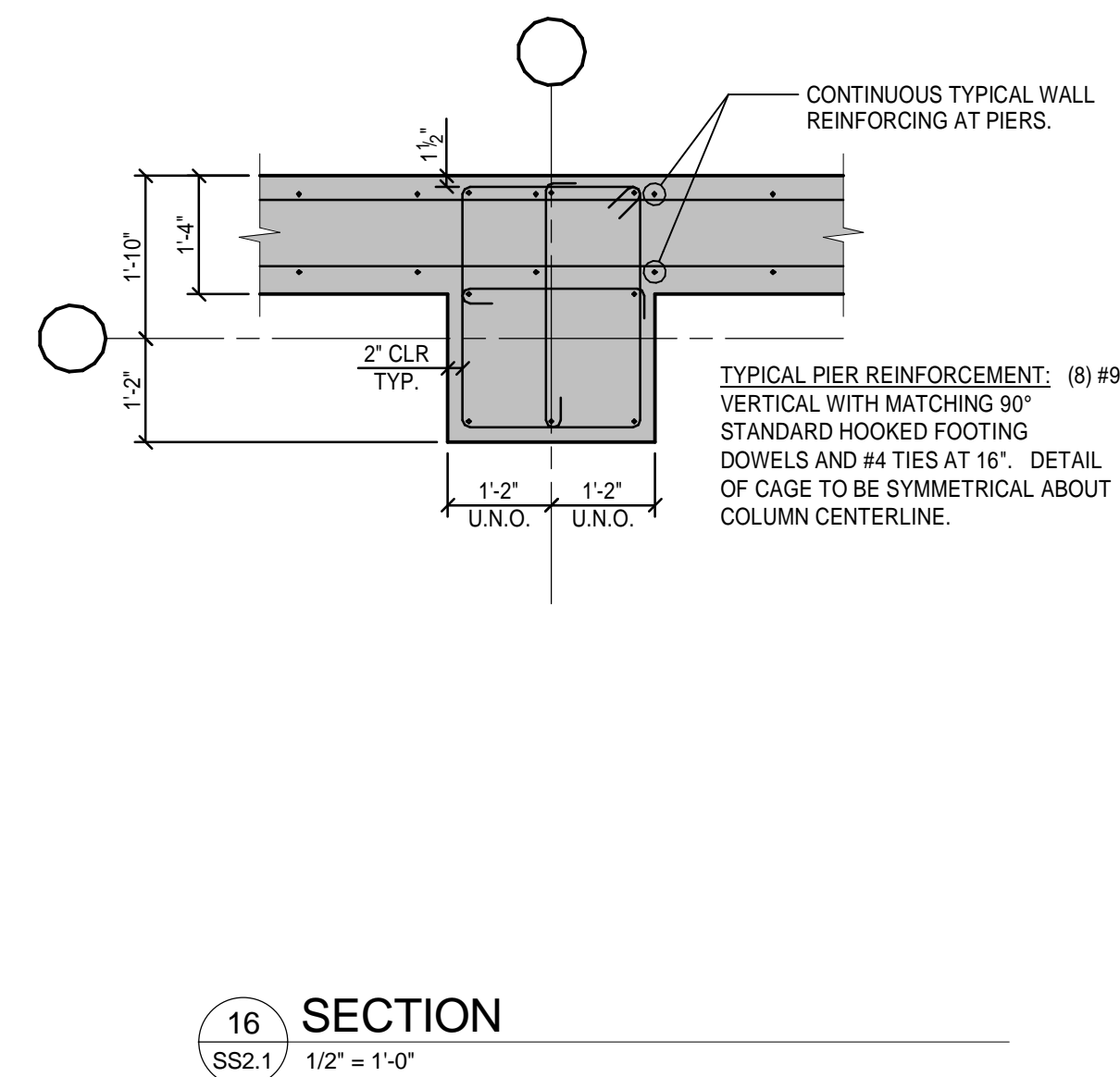
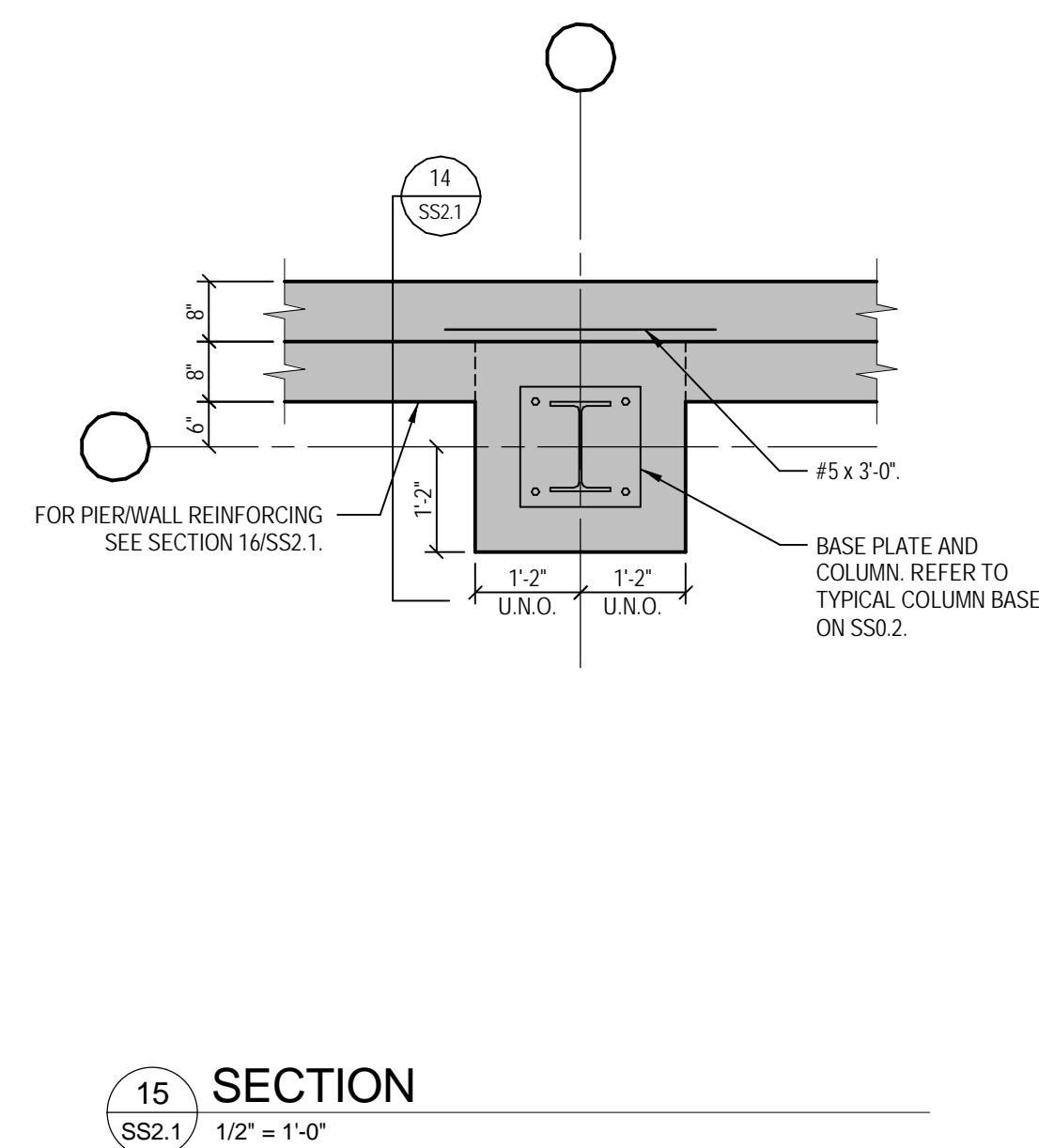
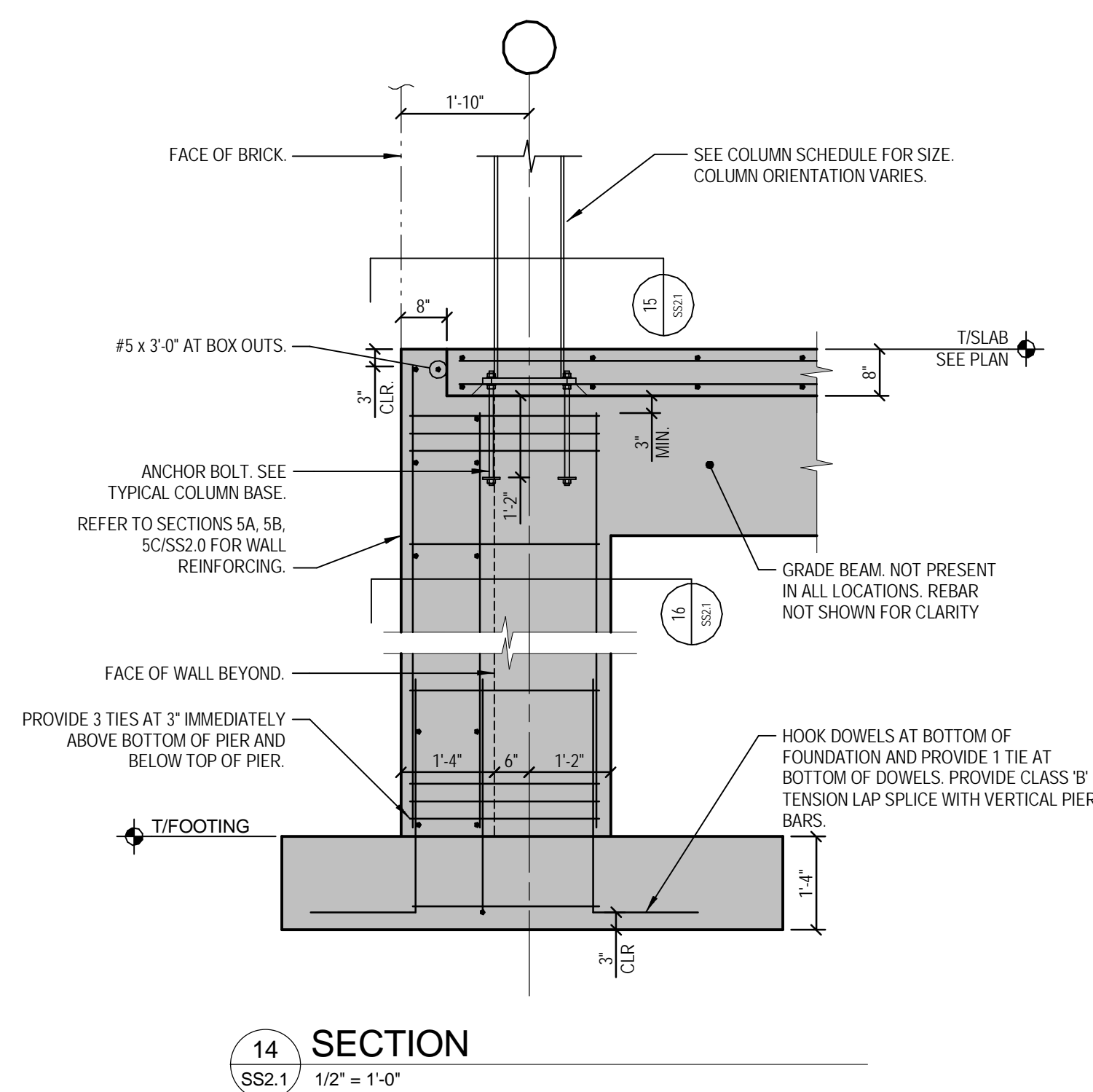




three inches = one foot

and

one eighth inch = one foot



3023.00

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1/31/13

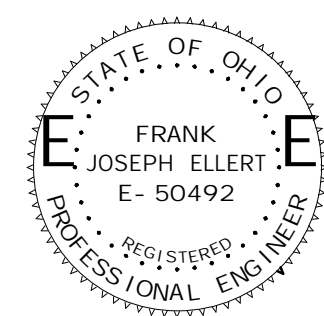


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Professional Seal

Revised By:
-------------

	Drawing Title
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## FOUNDATION DETAILS

Project Title
---------------

## SITE PREP FOR CT SCANNER

Date	01/31/2013
------	------------

Project No.  
552- CSI- 333

Drawing No.

SS2.1

Approved: Project Manager	
RANDY FIORINA	

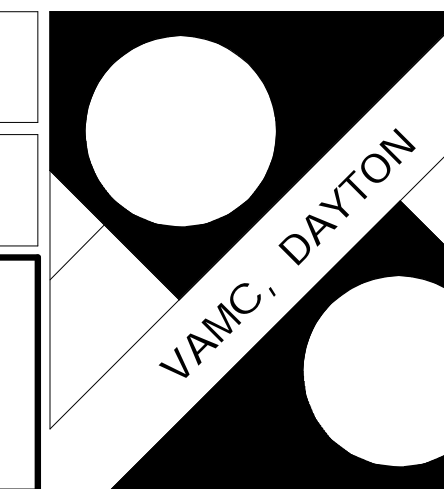
Approved: Service Chief  
GARY ABRELI

Building Number	335
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Checked
FJE

Drawn	VLB
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Location	4100 WEST THIRD STREET DAYTON, OH 45428
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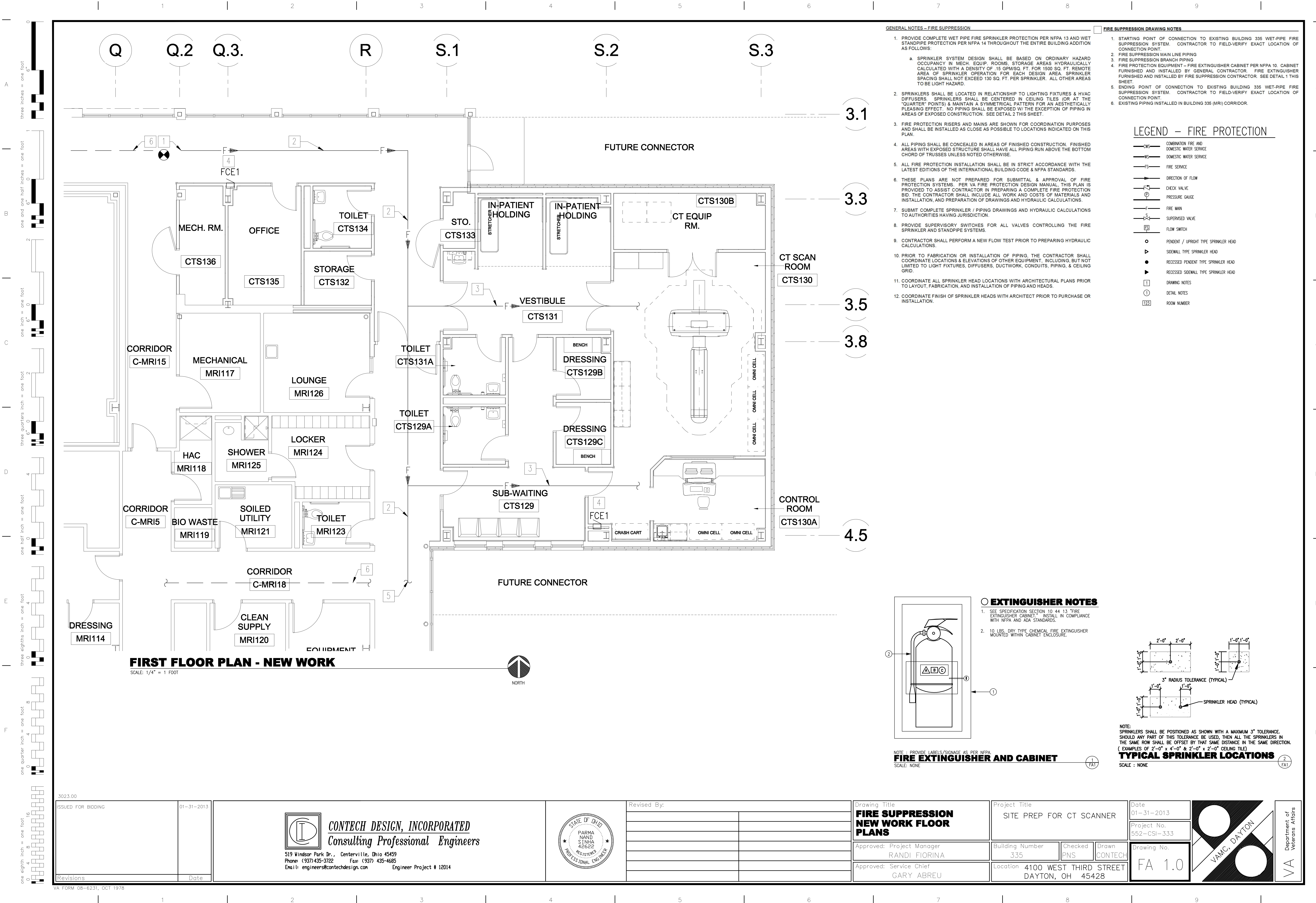


Department of











## GENERAL NOTES - PLUMBING

- A. ALL SANITARY PIPING IS BELOW THE FLOOR SLAB UNLESS OTHERWISE INDICATED.
- B. ALL VENT AND STORM PIPING IS ABOVE THE CEILING (AS HIGH AS POSSIBLE IN EXPOSED STRUCTURAL AREAS) UNLESS OTHERWISE INDICATED.
- C. ALL SUPPLY PIPING IS ABOVE THE CEILING (AT THE CEILING IN EXPOSED STRUCTURAL AREAS) UNLESS OTHERWISE INDICATED.
- D. REFER TO SCHEDULES, DETAILS AND DIAGRAMS FOR ANY PIPING/PIPE SIZES NOT INDICATED ON FLOOR PLAN.
- E. THE LOCATION AND SIZES OF ALL EXISTING PIPING HAS BEEN DETERMINED FROM EXISTING DRAWINGS. THE PLUMBING CONTRACTOR SHALL VERIFY, BEFORE STARTING ANY INSTALLATION, THE EXACT SIZE AND LOCATION OF ALL EXISTING PIPING AT ALL POINTS OF CONNECTION AND THAT THERE IS ADEQUATE SPACE TO INSTALL ALL NEW PIPING.
- F. PROVIDE TRAP PRIMERS (TP1) ON ALL FLOOR DRAINS.

**SCHEDULE NOTES:**

1. COLOR SELECTION BY ARCHITECT.
2. PROVIDE CHROME PLATED ESCUTCHEONS AND NIPPLES TO WALL.
3. INSTALL DISTRIBUTION UNIT AS NECESSARY FOR CONNECTION TO MULTIPLE FLOOR DRAINS.
4. FAUCET: GOOSENECK (8") WITH 4" WRIST BLADES BOTH SIDES, 2.0 GPM AERATOR, 6.5" DEPTH.
5. PROVIDE LINE-SIZE SHOCK ABSORBERS ON ALL HW AND CW BRANCHES.

[illegible]

LEGEND - PLUMBING - NOT ALL ARE USED.

Diagram illustrating the components and materials for a floor drain installation, showing a cross-section of the floor structure and the drain assembly.

Labels and components shown in the diagram:

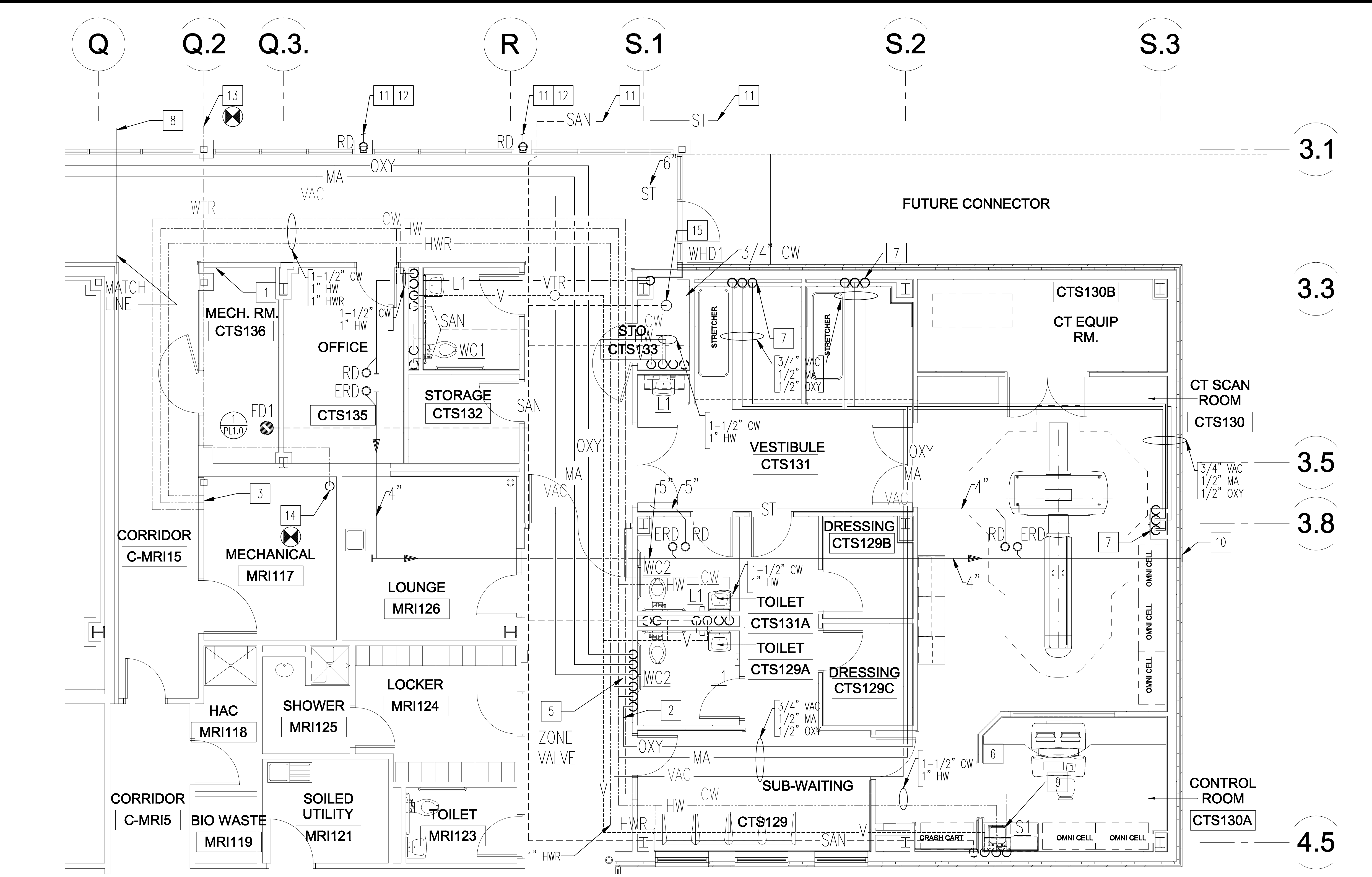
- TILE FLOOR
- CONCRETE FILL
- CEMENT BED
- LOOSE GRAVEL AT WEEP HOLES 3mm to 6mm SIZE
- NICKLE-BRONZE ADJUSTABLE STRAINER
- CLAMP WATERPROOF MEMBRANE INSIDE OF DRAIN BODY
- WATERPROOF MEMBRANE
- FLASHING CLAMP WITH WEEP HOLES (CLEAN WEEPS)
- STRUCTURAL SLAB
- PROVIDE A METAL SUPPORT PLATE WHEN DRAIN IS INSTALLED IN AN EXISTING FLOOR - CAULK AROUND DRAIN PRIOR TO RE-GROUTING
- THREADED, CAULKED OR NO-HUB CONNECTION

SCALE: NONE

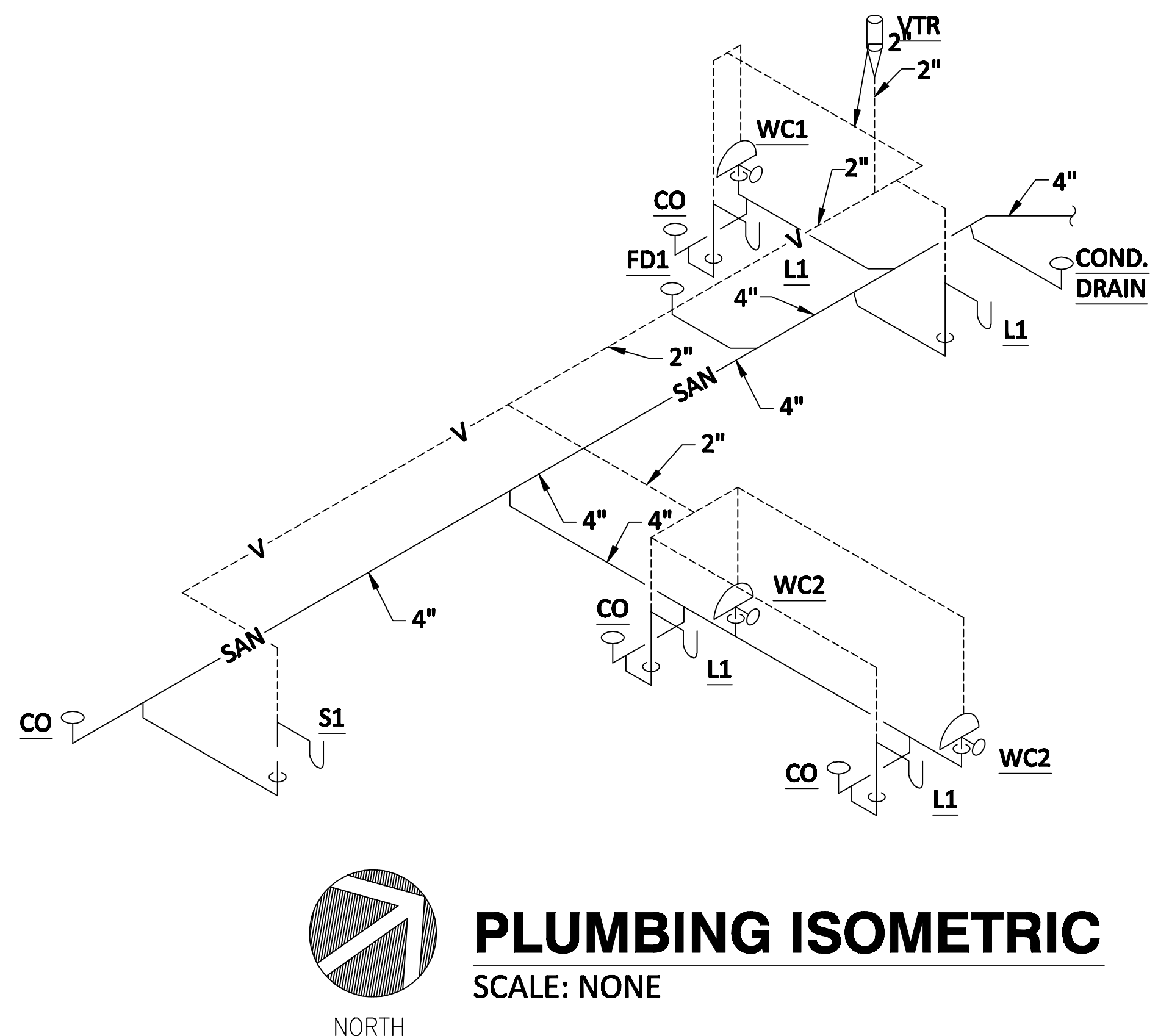
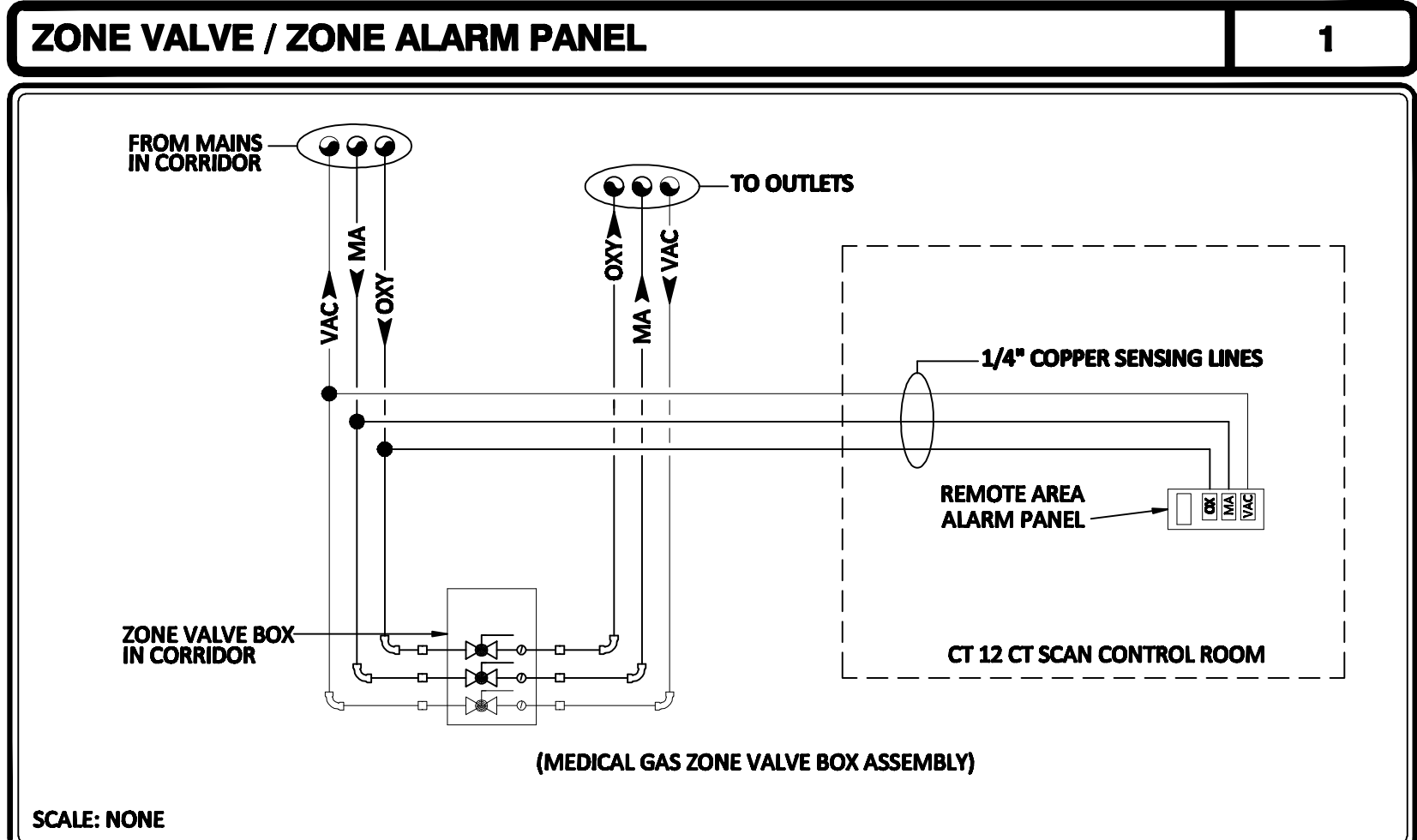
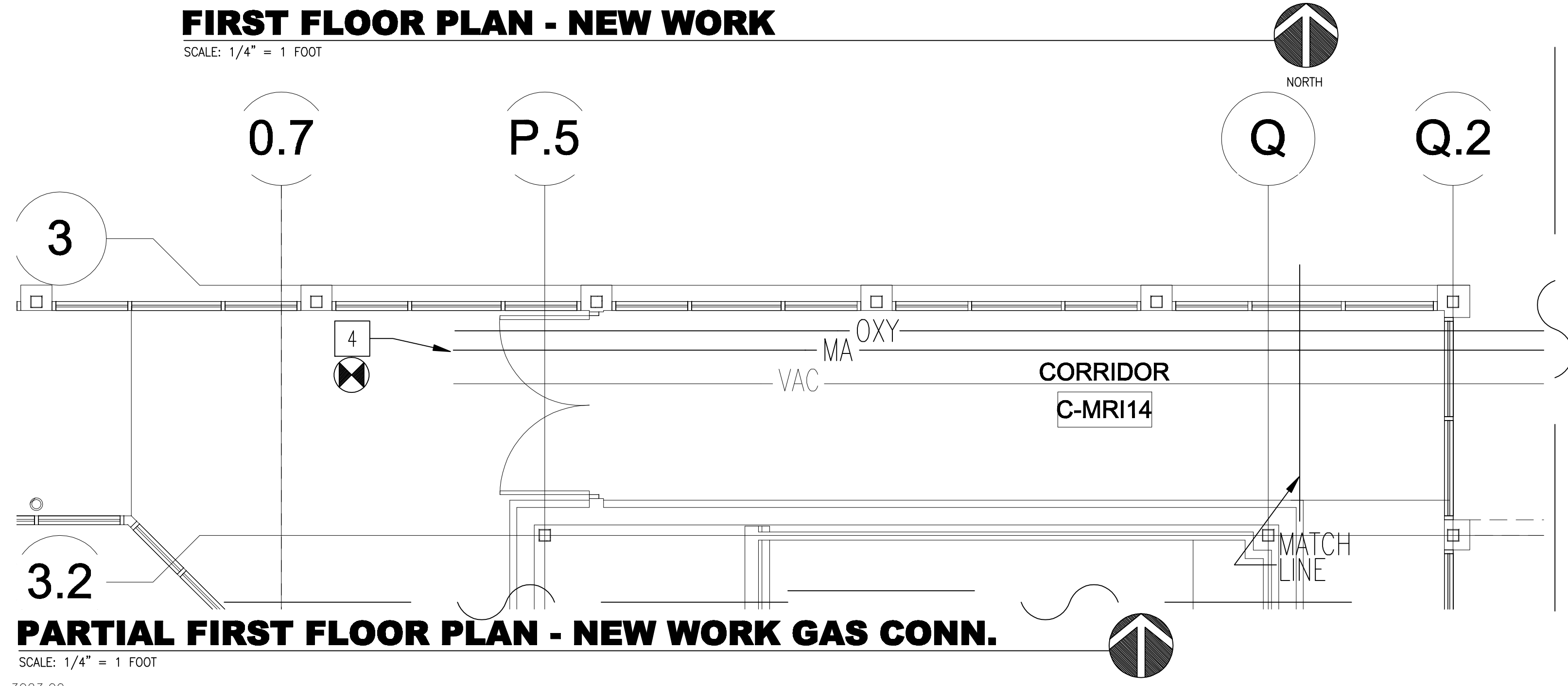




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- PLUMBING DRAWING NOTES**
1. DEMOLISH EXISTING BUILDING 335 DOWNSPOUT AND WALL HYDRANT IN THIS LOCATION. CONTRACTOR TO FIELD VERIFY EXACT LOCATION.
  2. COORDINATE PIPING LOCATION WITH SOFFIT. SEE ARCHITECTURAL PLANS.
  3. CONNECT TO EXISTING BUILDING DOMESTIC COLD WATER, DOMESTIC HOT WATER, AND HOT WATER RETURN THIS LOCATION.
  4. CONNECT TO EXISTING BUILDING OXYGEN, MEDICAL AIR, AND VACUUM THIS LOCATION. SEE CONTINUATION ON OVERALL FLOOR PLAN. CONTRACTOR SHALL FIELD VERIFY EXACT CONNECTION POINT TO EXISTING BUILDING UTILITIES.
  5. PROVIDE ZONE VALVE BOX PER SPECIFICATION SECTION 22 63 00. SEE ZONE VALVE DETAIL THIS SHEET.
  6. INSTALL ZONE VALVE REMOTE AREA ALARM PANEL AT THIS LOCATION.
  7. OXYGEN, MEDICAL AIR, AND VACUUM OUTLET BOX. SEE SPECIFICATION SECTIONS 22 62 00 AND 22 63 00. ALL MEDICAL GAS WORK SHALL BE PERFORMED IN ACCORDANCE WITH NFPA 99, INCLUDING CERTIFICATION BY AN INDEPENDENT INSPECTION FIRM.
  8. SEE ENLARGED PARTIAL FLOOR PLAN THIS SHEET FOR ADDITIONAL GAS PIPE ROUTING INFORMATION.
  9. SINK S1 SHALL BE UNDERCOUNTER-MOUNTED MODEL INSTALLED WITH SOLID SURFACE COUNTERTOP.
  10. TERMINATE EMERGENCY ROOF DRAIN LINES WITH OVERFLOW SCUPPER INTEGRATED INTO WALL SURFACE.
  11. REFER TO CIVIL SHEET GS 3.0 FOR CONTINUATION AND GRADING.
  12. 2\"/>
  13. CONNECTION TO RELOCATED 3\"/>
  14. CONNECT NEW WATER MAIN TO EXISTING MRI BUILDING 335 TEE-CONNECTION FOR BACKFLOW PREVENTER AND BYPASS LEG, ROOM MRI-117.
  15. DRAIN IN THIS ROOM SHALL BE CONNECTED TO HVAC CONDENSATE DRAIN PIPING. SEE SHEET MH 2.1.



ISSUED FOR BIDDING		01-31-2013		<div><div><b>CONTECH DESIGN, INCORPORATED</b> <i>Consulting Professional Engineers</i></div><div>519 Windsor Park Dr., Centerville, Ohio 45459 Phone: (937) 435-3722 Fax: (937) 435-4685 Email: engineers@contechdesigns.com Engineer Project # 12014</div></div>		<div></div>		Revised By:		Drawing Title <b>PLUMBING NEW WORK FLOOR PLANS</b>		Project Title SITE PREP FOR CT SCANNER		Date 01-31-2013		<div><div>VAMC, DAYTON</div><div>Department of Veterans Affairs</div></div>
Revisions		Date						Approved: Project Manager RANDI FIORINA		Building Number 335		Checked PNS	Drawn CONTECH	Drawing No. PL 2.0		
								Approved: Service Chief GARY ABREU		Location 4100 WEST THIRD STREET DAYTON, OH 45428						



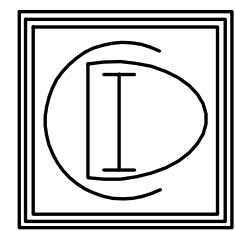




FIRST FLOOR PLAN - NEW WORK

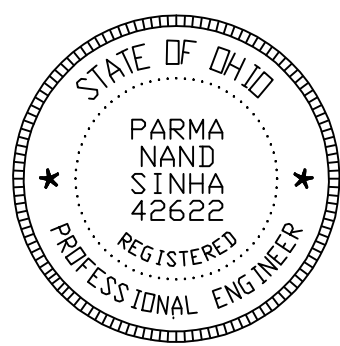
SCALE: 1/4" = 1' FOOT

3023.00	01-31-2013
ISSUED FOR BIDDING	
Revisions	Date



CONTECH DESIGN, INCORPORATED  
Consulting Professional Engineers

519 Windsor Park Dr., Centerville, Ohio 45459  
Phone: (937) 435-3722 Fax: (937) 435-4685  
Email: engineers@contechdesign.com Engineer Project # 12014



Revised By:


Drawing Title  
**MECHANICAL HVAC  
NEW WORK  
PLANS**

Approved: Project Manager  
RANDI FIORINA

Approved: Service Chief  
GARY ABREU

Project Title  
SITE PREP FOR CT SCANNER

Building Number  
335

Checked  
PNS

Drawn  
CONTECH

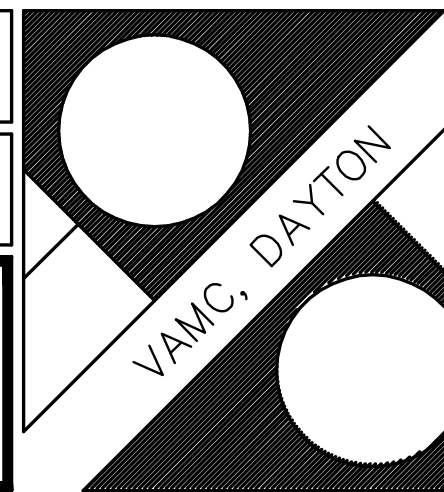
Location 4100 WEST THIRD STREET  
DAYTON, OH 45428

Date  
01-31-2013

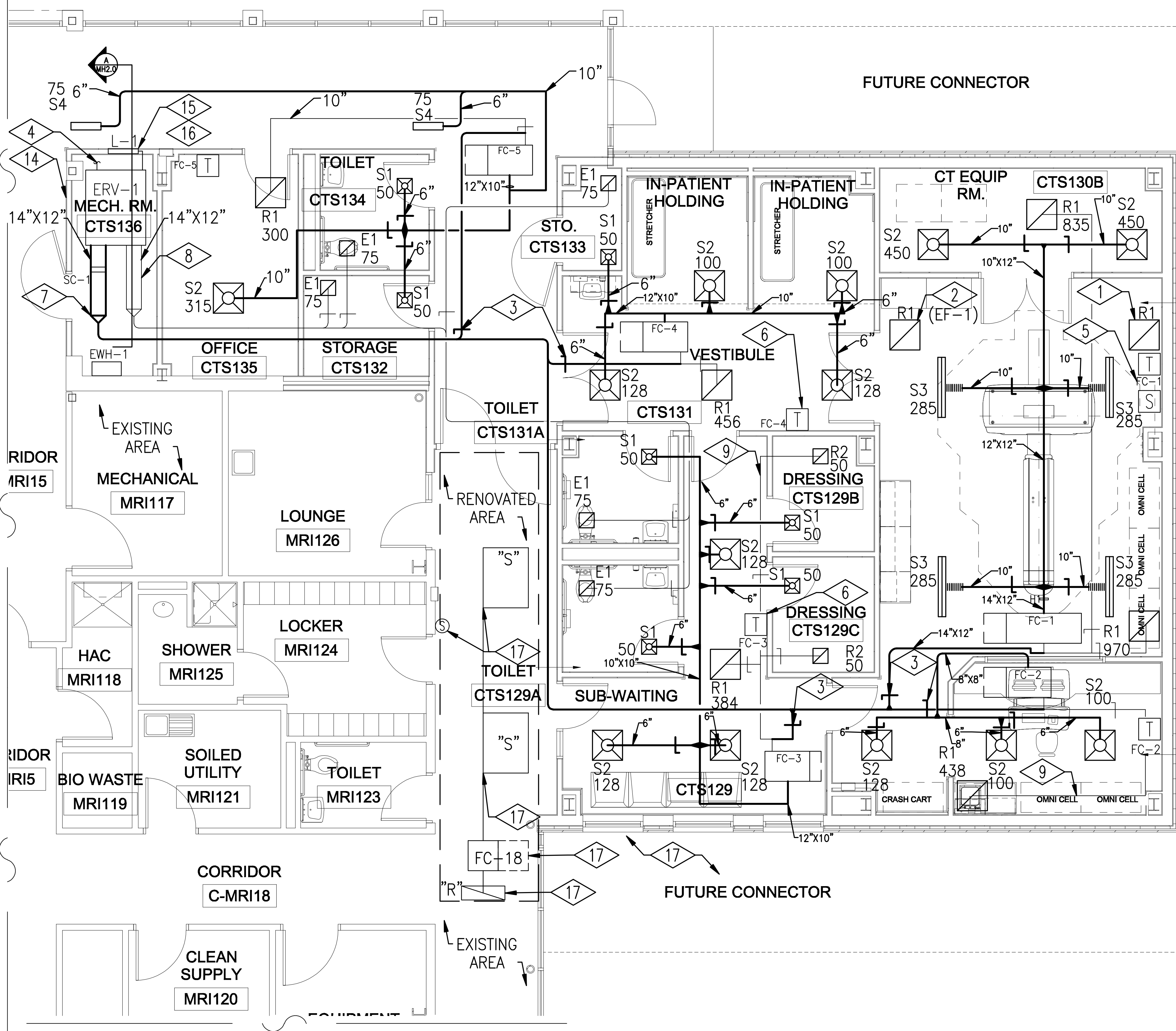
Project No.  
552-CSI-333

Drawing No.

MH 2.0



Department of  
Veterans Affairs  
VA



RIDOR  
MRI15

EXISTING  
AREA  
MECHANICAL  
MRI117

LOUNGE  
MRI126

HAC  
MRI118

SHOWER  
MRI125

LOCKER  
MRI124

RIDOR  
MRI5

BIO WASTE  
MRI119

SOILED  
UTILITY  
MRI121

TOILET  
MRI123

CORRIDOR  
C-MRI18

CLEAN  
SUPPLY  
MRI120

FUTURE CONNECTOR



FUTURE CONNECTOR

CT SCAN  
ROOM  
CTS130

CONTROL  
ROOM  
CTS130A

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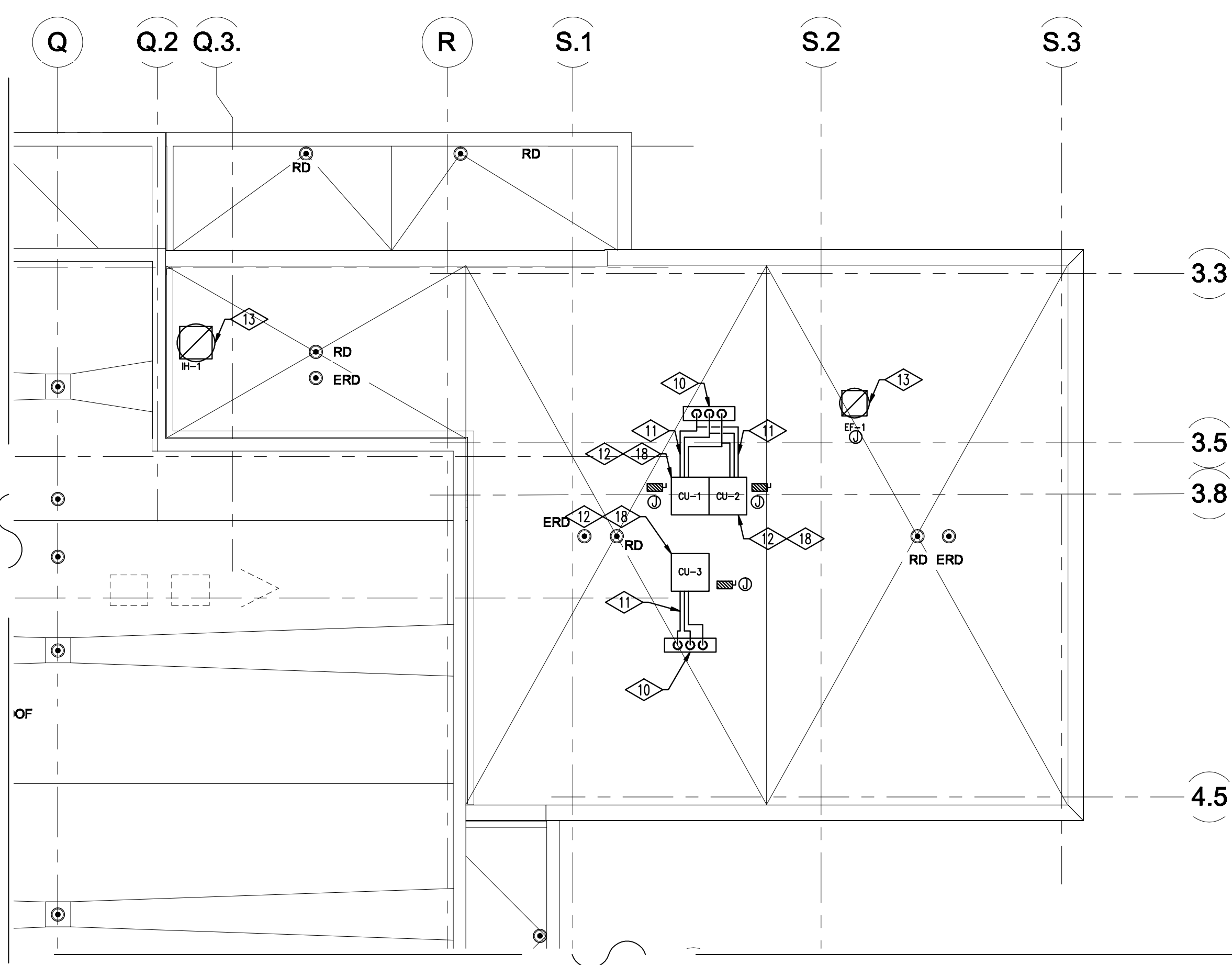
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DRAWING NOTES - MECHANICAL

- RELIEF AIR OPENING PROVIDED PER VA STANDARDS.
- RUN 16" X 16" DUCT UP TO EF-1 MOUNTED ON ROOF.
- OUTSIDE / OUTDOOR AIR DAMPER. BALANCE TO CFM AS INDICATED ON DRAWINGS.
- ROUTE 14" X 12" OUTDOOR AIR INTAKE UP TO INTAKE HOOD IH-1 MOUNTED ON ROOF.
- SENSOR FOR SETPOINT ADJUSTMENT FOR CT SCANNER ROOM. ROOM TEMPERATURE AND HUMIDITY SENSORS MOUNTED IN RETURN AIR DUCTWORK.
- PROVIDE VANDAL-PROOF COVER.
- OUTSIDE / OUTDOOR AIR DUCT.
- EXHAUST DUCT.
- RETURN DUCT.
- VARIABLE REFRIGERANT FLOW PIPING DOWN THROUGH ROOF. FURNISH AND INSTALL PIPING CURB. FLASH AND SEAL PER SPECIFICATIONS.
- ALL PIPING EXPOSED TO WEATHER SHALL BE COVERED AND INSULATED PER SPECIFICATIONS AND COVERED WITH ALUMINUM JACKET MATERIAL.
- MOUNT CONDENSING UNIT ON ROOF CURB RAILS. FLASH AND SEAL PER SPECIFICATIONS. ELECTRICAL CONNECTIONS BY ELECTRICAL CONTRACTOR - COORDINATE WITH ELECTRICAL CONTRACTOR PRIOR TO INSTALLATION OF ROOF MOUNTED EQUIPMENT. SEE SHEET MH 1.0.

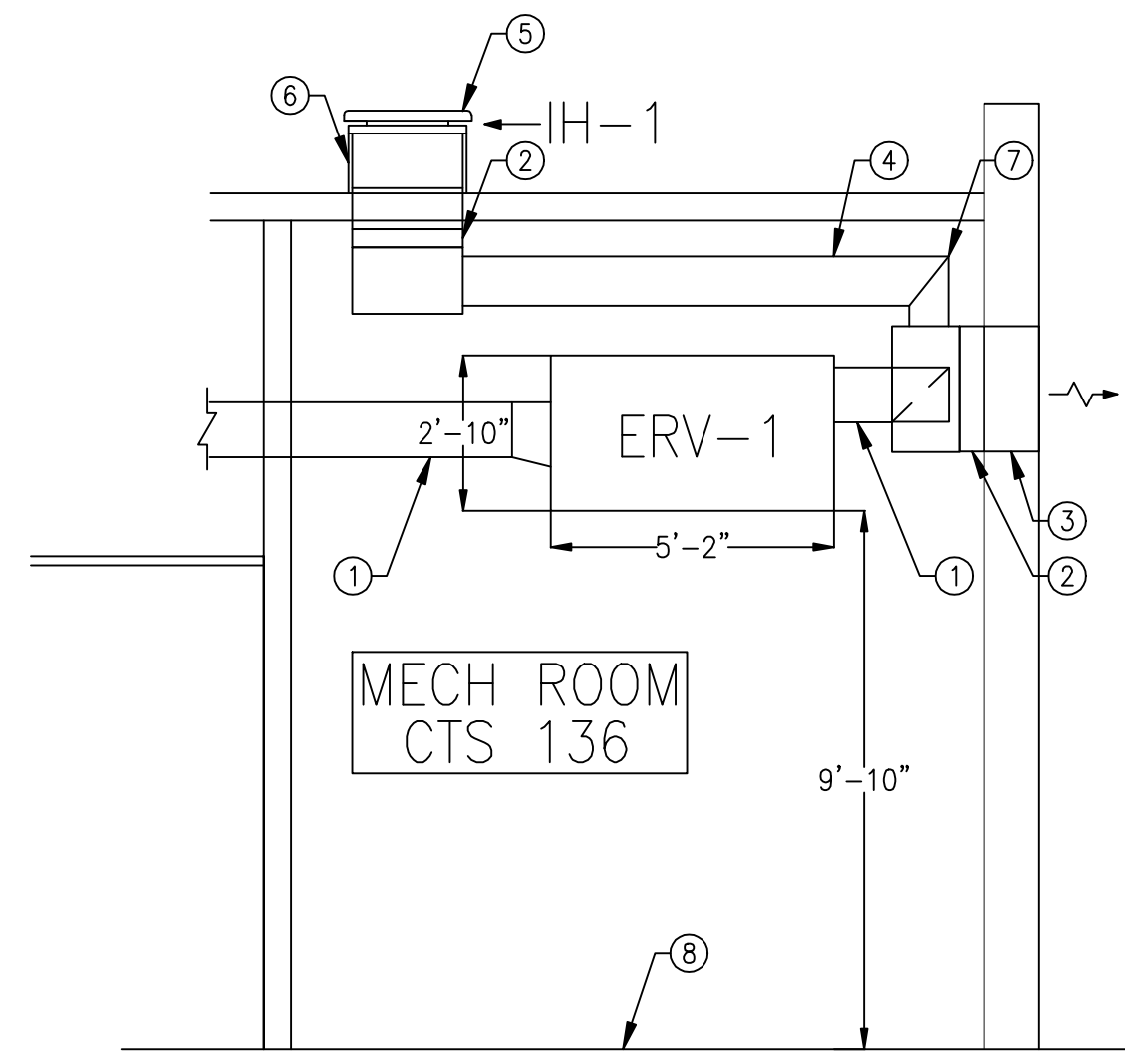
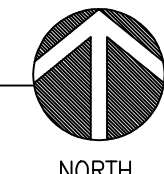
DRAWING NOTES - MECHANICAL (CONTINUED)

- MOUNT UNIT ON ROOF CURB. FLASH AND SEAL PER SPECIFICATIONS. ELECTRICAL CONNECTIONS BY ELECTRICAL CONTRACTOR - COORDINATE WITH ELECTRICAL CONTRACTOR PRIOR TO INSTALLATION OF ROOF MOUNTED EQUIPMENT.
- PROVIDE FIRE DAMPERS ON ALL PENETRATIONS FOR ALL SYSTEMS FROM MECHANICAL ROOM.
- MOUNT LOUVER L-1 ON SIDEWALL OF HIGH ROOF FACE, NORTH SIDE OF MECHANICAL ROOM.
- LOUVER L-1: EXHAUST SERVICE, 4" DEEP BY 24" WIDE BY 24" HEIGHT. 1,100 FRM, 0.05" PRESSURE DROP, 2.1 F.A. SQ. FT. CONTRACTOR TO PROVIDE INSULATED SHEETMETAL PLENUM BEHIND ALL LOUVERS. COLOR SHALL BE SELECTED BY ARCHITECT, ASSUME "STONE VENEER" TO MATCH EXTERIOR WALL SURFACE. PROVIDE MOTORIZED DAMPER WIRE TO OPEN WHEN ERV-1 IS IN OPERATION.
- MINOR DEMOLITION AND REPLACEMENT THIS SPACE. DEMOLISH AND REPLACE CORRIDOR AIR DEVICES, FAN COIL, SENSOR, AND DUCTWORK WHERE REQUIRED FOR CORRIDOR RENOVATION.
- PROVIDE MANUFACTURER SUPPLIED CONDENSING UNIT TWINNING KIT. INSTALL TWIN-CONDENSING UNITS PER MANUFACTURER INSTRUCTIONS. MAINTAIN MINIMUM 3' SERVICE CLEARANCE FOR ALL PARTS REQUIRING ROUTINE AND PREVENTATIVE MAINTENANCE.



ROOF PLAN - NEW WORK

SCALE: 1/8" = 1' FOOT



SECTION "A" - NO SCALE

DETAIL NOTES

- 12" X 14" EXHAUST DUCTWORK
- MOTOR OPERATED DAMPER, INTERLOCKED WITH ERV-1.
- OUTDOOR AIR LOUVER, L-1. MOUNT ON HIGH ROOF SIDEWALL, MATCH COLOR WITH EXTERIOR WALL SURFACE FINISH.
- 12" X 14" OUTDOOR AIR INTAKE DUCTWORK
- INTAKE HOOD IH-1.
- 12" HIGH ROOF CURB - FLASH AND SEAL PER MANUFACTURER'S INSTRUCTIONS.
- PROVIDE TURNING VANES WHERE APPROPRIATE.
- FINISHED MECHANICAL ROOM FLOOR LEVEL.



